

Forty-Eighth Annual Report

OF THE

BOARD OF TRUSTEES

OF

The Ohio State University

TO THE

GOVERNOR OF OHIO

FOR THE

YEAR ENDING JUNE 30

1918

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PRESS OF  
OHIO STATE REFORMATORY





## ANNUAL REPORT OF THE PRESIDENT

*Honorable BENJAMIN F. McCANN, Chairman of the Board of Trustees,  
The Ohio State University.*

Dear Sir:—I have the honor to present through you to the Board of Trustees of the Ohio State University for transmission to the Governor of Ohio, as required by law, the forty-eighth annual report of the President of the Ohio State University, for the year ending June 30, 1918.

### THE BOARD OF TRUSTEES

No change in membership of the Board has occurred during the year. The reappointment of Mr. O. E. Bradfute, whose original appointment was August 21, 1905 and whose second term expired May 13, 1918, was a gratification to all interested in the University. This third appointment, followed also in the case of Mr. Guy W. Mallon, brings to the University continuity in service that is both a compliment to the trustee and a source of strength to the University. It is a high tribute also the non-partisan and statesmanlike interest of the Governor of Ohio.

### THE FACULTY

The death of Professor Charles A. Bruce came as a great shock and grief to all university circles. Early in the year Professor Bruce felt strongly that he ought to do some definite work in the war service as his contribution to the cause. An opportunity to teach the French language to officers and soldiers preparing at Camp Sherman to go overseas presented itself, and, after consent from the University, he gave a definite portion of each week to the service, making his journeys back and forth as circumstances required. No doubt this additional draft upon his physical energies was a contributory cause of the attack of pneumonia from which he died at his home April 3, 1918. An unknown and unexpected weakness of the heart rendered his illness more critical than otherwise it would have been.

Professor Bruce was born at Chesterville, Ohio, March 21, 1871; received the degree of Bachelor of Arts from the Ohio State University in 1895 and served as assistant in French from 1895 until 1899. He was Assistant Professor from 1899 until 1901. From 1901 until 1908 he held the rank of associate Professor and was advanced to the rank of Professor of Romance Languages in 1908 and served in that capacity until his death. He studied at Amherst and at the University of Chicago during the summer quarters and two years at the Sorbonne, Paris, while on leave of absence from the University.

Professor Bruce excelled as a careful, diligent and successful teacher. His character was attractive and his association with his colleagues most

enjoyable. He was actively interested in community and civic affairs and in the religious life of the city to which he gave freely of his time and talent. His memory will long be cherished by all who knew him.

The fact that the United States was at war during the entire academic year will account for many temporary and local changes and adjustments. No year in the history of the University has been so disturbed in the plans and services of both Faculty and students. At the beginning of the war members of the Faculty in harmony with the declared purpose as set out in the report of last year in the resolution of April third, felt called to the service and defense of the country in its struggle to maintain the ideals and the ideas for which the people were at war. Accordingly they freely offered their services in whatever way they might be utilized. Some of them eventually went overseas in the service; others were engaged in scientific service in places assigned by the government while others were engaged in the service of instruction in the military activities of the campus or in the Cantonments.

A word should be said as to members of the Faculty who remained in service as usual. To many of these men a service in uniform would have been most welcome. The age limitations of the draft law—the expressed wish of the government as to the continuity of the work of the colleges and the difficulty of entering the service as a volunteer, combined to keep men in the University for the ordinary teaching who would have been glad to respond in other ways. These men are entitled to recognition and the gratitude of the people for having kept the home fires burning and for rendering a most vital service. They were not engaged in a non-essential industry. The president of the University places on record his high appreciation of the loyalty and efficiency of these men and is confident that the Trustees join in the commendation due to them.

The attitude of the entire Faculty in this war experience was all that could be desired and their loyalty to the country and the interests involved was amply demonstrated in the services rendered. If higher education ever needed any justification at the hands of the people who support it the prompt and enthusiastic response of both Faculty and students to the call of the country left no doubt as to their state of mind. The services rendered in the war have left no doubt as to their usefulness as citizens.

Soon after war was declared Governor James M. Cox organized the State Council of Defense. Under this general supervision a number of our Faculty served the State with an efficiency freely acknowledged by Governor Cox, Fred C. Croxton, Food Administrator and other state officials familiar with the work done. Especial mention is due to the division of Agricultural Extension and of Home Economics for the manner in which the State was organized and effective measures employed in stimulating the production and the conservation of food supplies. In other departments important services were rendered in organization and propaganda.



In other departments important service was gratuitous so far as the State was involved. The University continued the salaries of the Faculty and loaned them for the time of the State in war service.

It is not possible at this time to report in detail the persons involved in this service but elsewhere full and complete reports will be made of the place of the University in war activities.

#### LEAVES OF ABSENCE

During the year the following persons were granted leave of absence:

Assistant Professor Ludwig Lewisohn, of the department of German.

Assistant Professor W. M. Aikin, of the department of Principles and Practice of Education.

Assistant Professor C. C. North, of the department of Economics and Sociology.

Assistant Professor W. G. Stover, of the department of Botany after April 1.

Instructor George Gephart, of the department of Economics for the first semester.

Instructor E. C. Smith, of the department of Metallurgy.

Assistant Laura Heston, of the department of Home Economics after October 1.

Assistant Selma Mesloh, of the department of Physical Education.

#### RETIREMENT

One of the noteworthy events of the year was the retirement of Colonel George Leroy Converse.

Colonel Converse, as a retired officer, came to the service of the University in September 1900, and served continuously for eighteen years as Commandant of Cadets. When the World war came the conditions changed and Colonel Converse was promoted to be Regional Inspector by the War Department. After the armistice was signed and the S. A. T. C. demobilized, he was relieved of that service. Under the new order of things, retired officers were not assigned to active duty at the Colleges and Lieutenant Colonel Charles F. Leonard was assigned to the University and made Commandant of Cadets.

Colonel Converse brought to his service an intelligent comprehension of the problems of military instruction in the Land Grant Colleges and steadily strengthened the military department through all his years of service. There never was a year when he had adequate assistance for the reason that the War Department never met its obligation to this and other similar institutions. Nevertheless Colonel Converse met the situation with unusual efficiency as few men could have done.

He is a man of the finest quality, well advised on all military matters, a thorough soldier and an officer who commanded the loyal support of officers and students. His long term of service marks the most noteworthy history in Ohio State University of military instruction. His retirement due to the policy of the War Department was a matter of regret to the University. He carries with him the esteem and confidence of the University and of thousands of young men who have passed under his instruction.

## ENROLLMENT AND DEGREES GRANTED 1917-1918

The usual summary of enrollment and degrees granted is herewith presented:

ENROLLMENT  
GENERAL SUMMARY  
1917-1918

Graduate School.....	161
College of Agriculture	
Undergraduates, degree courses.....	479
Undergraduates, Home Economics, degree courses.....	217
Undergraduates, three-year certificate courses.....	129
	<hr/>
	825
College of Arts, Philosophy and Science.....	1472
College of Commerce and Journalism.....	101
College of Dentistry.....	143
College of Education.....	647
College of Engineering	
Undergraduates, degree courses.....	892
College of Homeopathic Medicine.....	39
College of Law.....	80
College of Medicine.....	122
College of Pharmacy	
Undergraduates, degree course.....	34
Undergraduates, two-year certificate course.....	47
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	81
College of Veterinary Medicine.....	74
Applied Optics.....	12
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Total.....	4649
Names counted twice.....	153
	<hr/>
Net total for academic year.....	4496
Summer Session—1917	
Graduate School.....	155
College of Agriculture.....	44
College of Arts, Philosophy and Science.....	238
College of Commerce and Journalism.....	7
College of Dentistry.....	3
College of Education.....	350
College of Engineering.....	106
College of Homeopathic Medicine.....	4
College of Medicine.....	3
College of Pharmacy.....	5
College of Veterinary Medicine.....	3
	<hr/>
	918
Lake Laboratory—1917.....	14
Winter Course in Agriculture—1918.....	119
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Total.....	5547
Names counted twice.....	397
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Grand net total for the year.....	5150



## DEGREES

At the Commencement held on May 28, 1918, the University granted a total of 638 degrees. These were distributed as follows:

## SUMMARY OF DEGREES

Graduate School .....	50
College of Agriculture .....	92
College of Arts, Philosophy and Science .....	128
College of Commerce and Journalism .....	13
College of Dentistry .....	57
College of Education .....	89
College of Engineering .....	75
College of Homeopathic Medicine .....	13
College of Law .....	13
College of Medicine .....	22
College of Pharmacy .....	4
College of Veterinary Medicine .....	4
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Total .....	560
In addition to the degrees granted, certificates for the completion of courses not leading to degrees were granted as follows:	
College of Law .....	5
College of Pharmacy .....	7
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Total .....	12
Degrees granted during present academic year .....	66
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Total number of degrees and certificates granted for the year ending May 28, 1918 .....	638

As a matter of comment it should be noted that the effect of war for the past year has been to reduce both the attendance and the number of degrees. This influence was also felt, although not seriously, in the attendance at the Summer Session of 1917. The most serious effect of the war was seen in the attitude of both Faculty and students towards the war activities. Interest in the progress of the war, eagerness to participate in some helpful way and the general sentiment of the community, rendered it difficult to concentrate the minds upon the intellectual work of the class room or laboratory. The fact that many families had all their ordinary plans interrupted by enlistment of one or more members made it necessary in many cases to interrupt the education of College students for the period of the war. It is not altogether a misfortune that in such an experience the oncoming generation should be brought to face with some seriousness the most vital problems of civilization. No apology, therefore, need be made for a reduced student roll in view of the war. Rather may we rejoice that the young men and women were so ready to render the needed service.

## RELIGIOUS AND OCCUPATIONAL STATISTICS

1917-1918

The custom established a few years ago of securing the religious and occupational statistics has justified itself. It sets out at a glance just what the constituency of the University is and proves beyond question that in a very comprehensive way the University is meeting the purpose set out in the original act of 1862, namely, to provide a liberal education for the industrial classes. A glance at these statistics will reveal that practically all the industries of the State are represented in the roll and all shades of religious belief and practice. The Statistics published in this report are purely impersonal and no use is ever made of the original cards on which the information is furnished. The statistics are usually compiled in November and do not include the new enrollments later in the year. The general situation would probably remain substantially as the tables presented.

## RELIGIOUS STATISTICS

1917-1918

Adventist.....	3	Hindooism.....	1
Baptist.....	180	Independent Zion.....	1
Catholic.....	280	Jewish.....	149
Christian.....	143	Lutheran.....	298
Christian Science.....	30	Mennonite.....	2
Christian Union.....	2	Methodist.....	1363
Church of Christ.....	40	New Church.....	2
Church of God.....	2	Presbyterian.....	716
Church of the New Jerusalem...	2	Protestant.....	34
Congregationalist.....	221	Reformed.....	79
Disciple.....	29	Swedenborgian.....	22
Episcopalian.....	159	Unitarian.....	10
Evangelical.....	56	United Brethren.....	116
Friends.....	16	United Presbyterian.....	35
Gospel.....	1	Universalist.....	27
Greek.....	1	None Given.....	188



## OCCUPATIONAL STATISTICS OF PARENTS

1917-1918

Architects .....	6	Laborers .....	22
Artisans. ....	95	Laundryman.....	6
Artists.....	5	Liverymen and Teamsters.....	16
Attorneys and Judges.....	98	Lumber Dealers.....	33
Automobile Business.....	17	Managers and Superintendents...	138
Bankers.....	53	Manufacturers .....	98
Barbers.....	11	Mechanical Engineers .....	9
Blacksmiths.....	12	Mechanics .....	59
Brewers and Saloon Keepers....	19	Merchants.....	300
Brokers .....	6	Millers.....	8
Butchers.....	14	Miners .....	5
Carpenters.....	41	Musicians.....	3
Caterers and Cooks.....	20	Nurses .....	2
Chemists .....	2	Oculists .....	2
Civil Engineers.....	14	Painters and Decorators.....	21
Clergymen .....	75	Photographers.....	5
Clerks and Accountants.....	97	Physicians .....	133
Coal Operators and Oil Producers	32	Plumbers.....	11
Contractors.....	90	Professors and Teachers.....	82
Dairymen. ....	15	Proprietors of Amusement Places	12
Dentists.....	31	Public Service.....	147
Druggists.....	28	Railroad Employees .....	167
Editors and Printers.....	37	Real Estate .....	67
Electrical Engineers.....	14	Restaurant and Hotel Keepers...	11
Farmers.....	903	Retired.....	84
Florists.....	8	Salemen .....	151
Foremen.....	34	Stationary Engineers.....	18
Furriers.....	2	Stock Dealers.....	15
Gardeners.....	20	Tailors .....	27
Grain Dealers.....	14	Tanners .....	2
Grocers.....	59	Telegraph Operators.....	3
Insurance.....	54	Tinners.....	2
Janitors.....	9	Undertakers.....	9
Jewelers.....	12	Veterinary Surgeons.....	10
		None Given and Deceased.....	557

I submit herewith as part of this report, the annual reports of the deans of the several colleges. The departmental reports are in the main omitted.

The annual summary of the financial statement by the secretary of the board is included in this report. The complete financial report is printed annually as a separate bulletin. This summary, however, contains the items of general interest.

I also submit the usual statistical details required by law.

Notwithstanding the disturbed condition of the campus, due to war activities, the year closed with abundant reason for satisfaction with the records made. The leaving of students during the year for war activities was of course a serious interruption. It is probably true that the state of mind of people on the campus was substantially that result and therefore

to a degree interfered with the orderly process of academic work. There have been compensation features manifested in the experience of the University for which only gratitude is due. The extreme necessities of the year have made the cooperation on the part of all concerned even more cordial than usual if that were possible.

Respectfully submitted,

W. O. THOMPSON,  
*President.*



## REPORT OF COLLEGE OF AGRICULTURE

For the Year Ending June 30, 1918

*President W. O. THOMPSON, Ohio State University, Campus.*

Dear Sir:—I beg to transmit herewith the reports of the departments in the College of Agriculture. I am sending the departmental reports in full as they were presented to me, instead of summarizing them as has been done in some of the the former reports. I asked the departments to begin their reports with a brief review of their past history, with the idea in mind that beginning with this year their reports would furnish a somewhat comprehensive history of the activities of the College.

The College of Agriculture like the other colleges has suffered from the prevailing war conditions. Labor conditions on the farm as well as the call to service made it impossible for many of our students to return to college, with the result that the enrollment in this college in September, 1917, was only about half as large as it was in the preceding year. It is also true that the number withdrawing during the year, either for war service or to help at home, was much larger than usual. The demand for farm labor was so urgent in the spring of 1918 that the College of Argiculture agreed to excuse on April first all students who were in good standing at that date, and allow them half a semester's credit for the work of the second semester which they had carried up to that time. A considerable number of students took advantage of this offer in order to work upon their home farms.

The spirit of uncertainty and unrest on the part of the students (and the faculty as well) owing to war conditions has made the class room work of the year much less satisfactory than during normal years. The very earnest desire upon the part of both students and faculty to be of the greatest service to the government has been most commendable. Specific statements concerning the extra-campus services of the faculty will be found in the departmental reports.

During the winter and spring of 1918 the University acquired two new tracts of farm land for the use of the College of Agriculture, namely, the so-called Kautz tract of twenty acres, and the Phenegar tract of about sixty acres. This gives the College a total of about three hundred and ninety five (395) acres west of the Olentangy River. This estate should be increased to a total of from eight hundred to one thousand acres.

No new equipment of any moment has been added to the College during the year. The work of several of the departments is severely handicapped by lack of adequate housing facilities and equipment.

The work of the Extension Service will be described in a separate re-

port which is compiled in accordance with the rules of the U. S. Department of Agriculture.

Respectfully submitted,

ALFRED VIVIAN,  
*Dean.*

*Note:—*

The departmental reports referred to in the report of Dean Vivian were most admirable from the point of view of the history of the departments and presented an attractive account of the departmental activities for the year. They were too lengthy to be included in this report. An effort will be made for their publication in another form.

W. O. THOMPSON,  
*President.*



REPORT OF THE DEAN OF THE COLLEGE OF  
ARTS, PHILOSOPHY AND SCIENCE

*President W. O. THOMPSON, The Ohio State University.*

DEAR SIR:—I have the honor to submit to you the report of the College of Arts, Philosophy, and Science for the year ending June 30, 1918.

## ENROLLMENT

The college enrolled 1580 students (911 men and 669 women). Of the total number, 108 students (17 men and 91 women) were enrolled in Arts and in Education. In the Summer Session of 1917 the enrollment of this College not included in the total given above, was 238 (89 men and 149 women) of which number 7 men and 25 women were enrolled both in Arts and in Education. The loss in enrollment, compared with 1916-1917, exclusive of the summer session, was 50 students. It was confined to the upper classes, and was due to enlistments in the army and navy.

## ENLISTMENTS

The enlistments of students in this College in the army now total 222; in the navy 47. Of those leaving us for army service 48 were granted their degrees since they were within less than half a semester of completing the curriculum. Likewise 3 leaving for navy service before the end of the year, received their degrees. A few doubtful cases, not covered by the rules, remain to be adjusted. The figures here given do not include withdrawals for service in the Y. M. C. A., the Red Cross or other forms of work incident to the war. Of the faculty, 4 are in the army and 2 in the Y. M. C. A. service.

## PUBLIC SERVICES

Students and members of the instructional force have been engaged in large numbers in patriotic services of various kinds, while attending to their regular duties at the University. A complete enumeration of these services would be impossible, excepting in the case of those who have been granted leaves of absence for the purpose of engaging in war work.

## PROFESSOR CHARLES A. BRUCE

The faculty suffered a serious loss in the death of Professor Charles A. Bruce, April 3, 1918. Professor Bruce was continuously connected with the University as student and teacher of Romance languages from September 1890. At the time of his death Professor Bruce was on leave of absence for a semester, serving his country by teaching the French language to large classes of officers at Camp Sherman. Professor Bruce was notably successful as a teacher. He was also an exceptionally good adviser and in his work as Secretary of this college exercised a marked influence for good

upon the students. His loss is keenly felt by his colleagues, and by a large circle of friends.

#### ECONOMY

Department reports show notable losses in the upper class and graduate courses. In anticipation of further losses in these courses, the elective offerings for the coming year have been reduced. The professors thus released from service in higher courses will be employed in the elementary courses and vacancies occurring in the teaching force have not been filled excepting in departments in which a large enrollment is certain.

#### PUBLICATION

As a special publication in the form of a bulletin by members of the faculty is in preparation, the list which I have usually incorporated in this report is omitted.

#### THE PRE-MEDICAL CURRICULUM

The Pre-Medical curriculum was hastily revised after the second semester had begun, so as to include six semester hours of College English and eight semester hours of College Physics, and this addition of one-third to the requirement in English and one-half to the requirement in physics was made operative for September, 1918. The immediate enforcement of the new requirement amounted to a violation of contract with thirty or more students who had fulfilled all published requirements to date and who yet found themselves confronted with the alternative of completing six extra hours by utilizing the summer session or of postponing their entrance to the College of Medicine another year. Most of them chose the former alternative. Responsibility for this sudden and arbitrary enforcement of a new requirement rests upon the Council of Medical Education of the American Medical Association. It is hoped that in the future this body will conform to the well-established custom of all reputable educational institutions in providing for a full year's notice to students before added requirements affecting them are put in force. This University is at all times able to comply with new and advancing standards, and has always been among the first to do so. In this instance it has done so under protest, because compliance involved a violation of its contract with thirty or more of its students,

#### CONDITION OF THE COLLEGE

As in all other colleges, the work of the year was prosecuted under serious difficulties. Chief of these was the unsettled condition of mind among students and faculty. Withdrawals of students were so numerous as to be noticable in many classes. Changes of teachers was so frequent as to impair the quality of the work in several departments. Added to this was the physical discomfort in some buildings owing to inadequate heating, and the uncertainty as to the continuance of college. All of these conditions were borne with good spirit, for the most part, as unavoidable in time of war and public excitement. The college seems now to have reached a more



settled condition, and has met all special demands upon it in a liberal spirit and, now that war conditions are familiar and no longer startling, should be able to do better work during the coming year.

#### THE FUTURE

Plans for meeting conditions as they will probably exist after the war are being carefully studied by our Executive Committee and will be presented within the coming year.

Respectfully submitted,

J. V. DENNEY,  
*Dean.*

## REPORT OF THE DEAN OF THE COLLEGE OF COMMERCE AND JOURNALISM

*President W. O. THOMPSON, Ohio State University.*

DEAR SIR:—I have the honor to submit the report of the College of Commerce and Journalism for the year ending June 30, 1918.

### ENROLLMENT

The College enrolled 97 students, an increase of 14 over the preceding year. Of these 83 were men and 14 were women. The prevalence of the war undoubtedly greatly reduced the attendance, as the College of Commerce and Journalism is a Senior College in which only Juniors and Seniors are registered—students who are usually twenty years of age or over.

### PROGRESS

The University year 1916-17 marks the entrance of the Department of Journalism into the newly organized College of Commerce and Journalism, and the offering of a curriculum leading to the degree of Bachelor of Science in Journalism. The Department offers 36 hours of technical work, six of which are given in the College of Arts, Philosophy and Science, and the curriculum contains several required courses offered in the College of Commerce and Journalism and in the College of Arts. The total enrollment in the department was 166, as against 105 in the preceding year. An assistant professor was added to the instructional force of the Department at the beginning of the year.

During the Thanksgiving recess the printing plant, installed by the University in 1914 in the east basement of University Hall was removed to the second floor of the north wing of the new Shops Building, and some new machinery added. The office of the Department, editorial and business rooms of the Daily Lantern and the recitation room are on the same floor. The printing plant is well equipped and is doing most of the University work, in addition to the publication of the newspaper. The Department is well housed at present, but it suffers from the inconvenience of being so widely separated from the College to which it belongs.

The reduced attendance of students in the University in 1917-18 was reflected in the attendance of students in courses in Economics and Sociology as the registration in 1917-18 was more than 200 less than in 1916-17. The registration of the first semester of 1917-18 in Economics was 1097 and in Sociology 411, making a total registration of 1508. The registration in the Summer session of 1917 in Economics and Sociology was 150. From year to year an increasing number of students are registering in the applied courses in Economics and Sociology, such as Marketing, Exporting and Importing, Banking, Finance, Insurance, Accounting, Investments,



Transportation, Railway Organization and Administration, Charities, Preventive Philanthropy, Recreation, Penology, Criminology, etc.

The Department of Economics and Sociology is housed in the basement of Page Hall, which is very badly adapted for its work. Most of the rooms in the basement of Page Hall require artificial light even on the brightest days. The room in which the department library is placed is very badly adapted to its present purpose and the usefulness of the library is consequently greatly restricted. The successful teaching of some of the subjects of applied economics, such as Accounting, Banking, Statistics, etc., requires specialized equipment, and it is needless to say that these and other subjects cannot be taught in the most approved way as long as the department remains in its present quarters. The other department of the College, Journalism, is situated in the Shops Building on Woodruff Avenue about as far removed as it can be from the Department of Economics and Sociology. The most important immediate need of the College is a building which will house the departments of the College, constructed with reference to the specialized needs which are very important in the teaching of courses in the most approved ways in applied Economics, Sociology and Journalism.

The College has recommended the organization of two bureaus, one of Business Research and another of Social Research. These Bureaus are essential to carry out the reasonable objects and responsibilities of a college organized to promote among other things commercial and social service education.

#### BUREAU OF BUSINESS RESEARCH

##### *Its functions*

(1) Collecting and classifying materials for courses of study to be found in government documents, in reports of business concerns, in annual and other statements of business concerns, on subjects of applied economics, such as money, banking finance, taxation, investments, business organization, marketing, salesmanship, advertising, insurance, transportation, labor, etc.

No adequate literature exists at present in the newer lines of economics. Teachers of these subjects must draw heavily from present business practice and customs and they must know the points of view of the business man and have a knowledge of his organization and of his problems.

(2) The Bureau of Business Research should conduct scientific investigations in business methods and make business surveys. This work should be done by members of the teaching staff and advanced students working under the direction of the Director of the Bureau of Business Research. In a later development of the Bureau there will be a need for the employment of special investigators.

(3) The more important of these investigations should be published and provision should be made for funds to cover such expenditure.

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(3) The more important of these investigations should be published and provision should be made for funds to cover such expenditure.

*Equipment and Working Force*

(1) There is needed at present shelf space for assembling and classifying material, technical magazines, etc. Space is also needed for filing cases where typewritten materials and reports are filed and where newspaper clippings carefully classified are also filed.

(2) There is needed a Library Attendant with sufficient knowledge of the economic field to be able to select material and make workable classifications and indices of same.

(3) There is needed also a Corresponding Secretary who is also a stenographer to secure material under advice of the Director of the bureau and Library Attendant.

*Purposes*

(1) The collecting and classifying of materials and the investigations will serve distinct purposes in improving the teaching of subjects in applied economics.

(2) Investigation in business methods and cooperation with business men will lead to the improvement of business methods and advancement of business science.

## BUREAU OF SOCIAL RESEARCH

The character of this Bureau should differ as will be seen from the Bureau of Business Research.

*Its work*

(1) To collect, classify, and tabulate material for the courses in Applied Sociology. This material will consist of annual reports, other reports, and publication of public and private philanthropic, charitable and penal, and other social associations and agencies.

(2) To make social investigations and social surveys by instructors and advanced students under the Director of the Bureau of Social Research.

In cooperation with the Ohio Institute of Efficiency the sociology group made a social survey of Portsmouth, Ohio, and was largely instrumental in determining the kind of social organization established there. The Sociology group also made a survey of the village of Belleville, Ohio and recommended a social organization which was adopted. Requests for social surveys of other communities have been made of the Department of Economics and Sociology which have been declined on account of inadequate staff to do the work and of absence of funds to bear the expense. The Sociology division of the Department of Economics and Sociology with the aid of its advanced students has made many social studies in and near Columbus. Through a Bureau of Social Research this work should be greatly extended

*Equipment and Working Force.*

(1) Precisely the same equipment and working force is needed for the Bureau of Social Research as for the Bureau of Business Research.



The work can be conducted in the same room and by the same staff at the outset. The Library Attendant should be familiar with sociological materials as well as materials in Economics.

(2) There should be a separate Director of the Bureau of Social Research as the fields covered by the two bureaus are very distinct and an expert in both fields is not likely to be found. Moreover there is a distinct advantage in individualizing each Bureau especially for the benefit of agencies and organizations outside the University interested in each. The publications and reports of each Bureau should be kept distinct and under its appropriate heading.

#### *Purposes of the Bureau*

(1) The collecting and classifying of materials and the social investigations will improve the teaching in Applied Sociology by (a) making available the most recent information to teachers, by (b) making this information available to students in the advanced courses, and by (c) promoting graduate research.

(2) The Social investigations and the cooperation of members of the Bureau with social workers and all those in the State engaged in uplift work should raise the plane of social work to a higher level.

The functions of a technical or professional college are twofold: (1) To improve teaching and to increase knowledge in the special fields, and (2) To improve standards in the special fields, such as Law, Business, Journalism, Social Service, etc. The two bureaus above mentioned are essential in realizing the highest aims of the college to which they belong.

#### SERVICES OF MEMBERS OF THE COLLEGE IN WAR ACTIVITIES

Soon after the United States became involved in war members of the staff of the College of Commerce and Journalism were called on to render war service and they responded to every call which did not interfere too seriously with the work of the University. Over one-half the members of the staff of this College gave full time service in war work, a portion of the time our country has been at war and some of them have given continuous service almost from the beginning of the war. Of these Mr. George W. Eckelberry was given permission to be absent on leave to enter the army and Mr. Herman A. Miller resigned to enter the navy. Mr. Warner E. Gettys resigned to go into the medical service with a Base Hospital. Mr. George Gephart gave a year's service in the office of the State Draft Headquarters and Mr. Harry E. Sheppard gave several months of service in the same office. Dr. M. B. Hammond was in the service of the State Council of National Defense for several months organizing State employment bureaus for war service, and has also been a member of Mr. Hoover's staff in Washington in charge of the labor problems of the Federal Food Administration. Dr. C. O. Ruggles, the former secretary of the College and Dr. Henry F. Walradt were with the United States Shipping Board in Washington for several months. Dr. C. C. North organized and had charge of

the War Camp Community Service work of Louisville, Kentucky, for eight months, and had charge of similar work two months in El Paso, Texas, and three months in Detroit, Michigan. Mr. R. D. McKenzie had charge of the Civilian Relief work of Camp Sherman six months and was afterward special investigator of the office of the Federal Food Administrator of Ohio for three months. Mr. S. J. Coon was special investigator for the State Council of National Defense two months in the summer of 1917 and three months of the summer of 1918. Dr. Carl E. Parry has been Executive Secretary of the Committee on Patriotic Education of the state branch of the Council of National Defense from the beginning of 1918. While carrying a full time schedule of work in the University, Professor Joseph S. Myers, Head of the Department of Journalism, gave much time to the war chest drive, two liberty loan drives, a Red Cross drive for nurses in Franklin county, a survey of nursing resources in Franklin county, and other activities. Professor O. C. Hooper gave a great deal of time to Red Cross and other activities while doing his full quota of work in the University. Dr. J. E. Hagerty had charge of the division on Marketing of the Federal Food Administration in Ohio and was subsequently Deputy Food Administrator for Ohio. He organized the Civilian Relief Department of the Columbus Red Cross Society, and has since been chairman of the Civilian Relief Committee. As Director of the Columbus Home Service Institutes Dr. Hagerty has conducted three at the Ohio State University for the training of Civilian Relief workers. These Institutes were held under the joint auspices of the National Red Cross, the Columbus Chapter of the Red Cross and the Ohio State University.

Respectfully submitted,

J. E. HAGERTY,  
*Dean.*



## ANNUAL REPORT 1917-18 COLLEGE OF DENTISTRY

The College of Dentistry closed its fourth year in the University without many changes, either in the curriculum or in the teaching force, in spite of the fact that the year was one of a most unusual nature. Three members of the teaching force, Dr. John W. Means, Instructor in Oral Surgery, Dr. Frank C. Starr, Instructor in Crown and Bridge Work and Metallurgy, and Dr. Louis E. Reif, Demonstrator in Operative Clinic, since September 1917 have been in active service; Dr. Means in medical surgical work, and Drs. Starr and Reif, in dental work. All three are, at the present time, in France. We did not find it necessary to add outside instructors to take over their work, the temporary vacancies being taken over voluntarily by members of the dental faculty, who have carried on the work of the three absentees in a satisfactory manner.

The following three instructors have been advanced to the position of Assistant Professors; Dr. Clyde H. Heble, Assistant Professor of Operative Dentistry; Dr. Roland H. Wiltberger, Assistant Professor of Crown, Bridge, and Porcelain; and Dr. William C. Graham, Assistant Professor of Dental Medicine.

Our faculty has, as usual, shown considerable interest in Society and Convention work during the past year. The National Dental Association, several of the State Societies, and many of the District Societies, have been visited by the various members, papers and clinics being presented. Of special interest was the Meeting of the American Institute of Dental Teachers held in Pittsburg, Pa., at the end of January, at which time the following members of our dental faculty were present: Drs. Clyde H. Heble, Assistant Professor of Operative Dentistry; Roland B. Wiltberger, Assistant Professor, Crown, Bridge and Porcelain; William C. Graham, Assistant Professor of Dental Medicine; Herbert S. Shumway, Instructor in Prosthetic Laboratory; Charles W. Strosnider, Instructor in Operative Clinic and Assistant in Dental Anatomy; Edward W. Martindale, Instructor in Dental Anesthesia; Irwin A. Bottenhorn, Instructor in Pathology; Earl G. Jones, Assistant in Orthodontia; and Harry M. Semans, Dean. Dr. Clyde H. Heble was Master of Dental Exhibits at this Meeting.

We had no changes in our dental teaching force during the year. We opened at the first semester with Freshmen 24, Sophomores 27, Juniors 12, and Seniors 72; and the second semester with Freshman 22, Sophomore 27, Junior 15 and Senior 72, graduating at the end of the year 61.

Early in the fall of 1917 permission was granted to all dental students in well recognized dental colleges to become inducted into the Medical Enlisted Reserve Corps of the United States Army. All of our students who were twenty-one and over, and physically fit, availed themselves of this opportunity. We had eighty-three men enrolled in the M. E. R. C.

The past year is the closing year of our three-year course in dentistry,

so that the present graduating class, that of 1918, is the last of our three-year course classes. Owing to the fact that we changed in 1915 to the four-year course, gave us an unusually large freshman class, for the three-year course that fall. For this reason we reported an unusually large financial return in our clinic for the fiscal year were \$10,894.83, receipts for service rendered to clinical patients. This is the largest financial year that we have had. Up to that time the year 1916-17 was the largest with \$7,500.00 in receipts. Naturally with a small senior class for the ensuing year we do not expect the receipts of the clinic to be anywhere near so great.

In the fall of 1917 we established a very small but useful X-Ray apparatus to be put into technical and practical use in connection with the clinic. This apparatus is in daily use, especially in testing root canals for students upon their patients. Several other features which are considerably of an advanced nature to the science of dentistry have been inaugurated in our technical and practical courses.

For several years past we have taken care of the clinic work of the Childrens' Hospital and at the County Orphanage. During the past year we added to these outside clinics the Girls' Industrial School at Delaware and the Goodman Guild, with its summer home at Camp Johnson. All of the work at these outside institutions has been done by members of the senior class, under proper supervision of the members of the instructional force.

During the spring of 1918 the National Dental Educational Council grouped the various forty-five colleges of dentistry in the United States in three divisions, known as, Class A, Class B, and Class C. The Surgeon General of the United States Army, for the time being, granted to graduates of those accepted colleges that are now in Class A and Class B, the officer's ranking in the Army and Navy. The College of Dentistry, Ohio State University, has been placed, with fifteen others, in Class A.

Respectfully submitted,

HARRY M. SEMANS,

*Dean,*



## REPORT OF THE ACTING DEAN OF THE COLLEGE OF ENGINEERING

To President WILLIAM O. THOMPSON, *President of The Ohio State University*:

As Acting Dean of the College of Engineering I have the honor to submit the following report of the college for the year ending June 30, 1918.

### ENROLLMENT

The enrollment for the year was as follows:

	1st Sem.	2nd Sem.
Architecture .....	44	59
Architectural Engineering .....	23	
Ceramic Engineering .....	62	53
Chemical Engineering .....	173	146
Civil Engineering .....	140	118
Electrical Engineering .....	206	156
Mechanical Engineering .....	164	130
Mine Engineering .....	30	18
General Engineering .....	11	7
Short Industrial Arts .....	2	2
Special .....		4
Total	855	693

### GRADUATES

The number of students receiving their degree at Commencement or during the year is 79, classified as follows:

Bachelor of Architecture .....	4
Bachelor of Arch. Engineering .....	8
Bachelor of Ceramic Engineering .....	7
Bachelor of Chemical Engineering .....	14
Bachelor of Civil Engineering .....	14
Bachelor of Electrical Engineering .....	13
Bachelor of Mechanical Engineering .....	10
Bachelor of Engineering in Mining .....	3
Bachelor of Engineering .....	3
Master of Architecture .....	1
Chemical Engineer .....	1
Civil Engineer .....	1
Total .....	79

### EXCHANGE LECTURESHIPS

Owing to the unsettled conditions incident to the War the exchange lectureships have been temporarily discontinued.

There has been no attempt made to develop the Engineering Experiment Station. This does not signify, however, that no experimental research has been carried on. Practically all of the departments of the college have been pursuing investigations for some branch of the War Department, or some governmental bureau.

## FACULTY

During the year two notable additions to the University Faculty have been made.

Professor Howard Dwight Smith has been appointed Professor of Architecture by the Board of Trustees on January 15, 1918. Professor Smith graduated from this Institution in 1907 with the degree of Civil Engineer in Architecture. Since graduation he has studied in France, and more recently has been connected with John R. Pope, a prominent architect of New York City. Professor Smith comes well prepared and is proving himself a valuable man in the department.

Professor Karl A. Norman was appointed Professor of Machine Design by the Board of Trustees on October 15, 1917. Professor Norman received his academic training in Europe, but since graduation has had a lot of practical experience. He has won the esteem and confidence not only of his colleagues in the department of mechanical engineering but of those in allied departments of the college.

The following men have been absent on leave and are engaged in the service of their country in the prosecution of the war:

Edward Orton Jr.—Research Professor in Ceramics  
William McPherson—Professor of Chemistry and Dean of The Graduate School  
William L. Evans—Professor of Chemistry  
Alan Flowers—Professor of Electrical Engineering  
Dana J. Demorest—Professor of Metallurgy  
Edmund S. Manson—Associate Professor of Astronomy  
Earle Clement Smith—Instructor in Metallurgy

These men have all been granted leave of absence for the duration of the war.

The following men have given at least a part of their time during the past year to the School of Military Aeronautics:

Henry C. Lord—Professor of Astronomy  
William Magruder—Professor of Mechanical Engineering  
Frederick C. Blake—Professor of Physics  
William A. Knight—Associate Professor of Machine Shop Practice  
Wilbert C. Ronan—Instructor in Architecture  
Roy A. Brown—Instructor in Electrical Engineering

## STUDENTS' PART IN THE WAR

The students have also contributed their part to war activities. During the year 149 students withdrew to enter some branch of military service. Under the selective service regulations 63 students enlisted in the Engineer Enlisted Reserve Corps and thereby obtained a re-classification which permits them to complete their university training before being drafted. Twelve of the fourth-year electrical students obtained enlistment in the Signal Corps by completing a wireless course which was prescribed by the office of the Signal Corps, War Department, and given by Roy A. Brown of the department of electrical engineering, assisted by Professor A. D. Coie of the department of physics.



In conclusion I may say that it is generally felt that the work of instruction has been hindered more or less by the unsettled state of mind of many of our students on account of the war. In my opinion this condition caused most of the weak students to discontinue their work at the mid year, while the serious minded, who did not enlist, decided to take full advantage of their opportunity to obtain as much training as possible before being drafted, and these latter students did quite satisfactory work. In view of all the disturbing influences incident to the war, I believe that the college of engineering has had a very satisfactory year.

Respectfully submitted,

*E. P. CODDINGTON,*  
*Acting Dean.*

## REPORT OF THE COLLEGE OF HOMOEOPATHIC MEDICINE.

*Dear Mr. President:*

I take pleasure in submitting the following report of the College of Homoeopathic Medicine for the year closing June 30th, 1918.

The college year has been marked by the effects of the war, both directly and indirectly. The college and Hospital have contributed to the war in service rendered to aviators and research chemists in the Ordnance Department as patients in the Hospital. The hospital has also been of service to many students and others in the performance of operations making them physically fit for military service. In this connection of war service rendered by the hospital we have cooperated with the Red Cross and other agencies in caring for maternity cases incident to the war.

One full professor, Lieut. F. B. Grosvenor, who is attached to Base Hospital No 48, now in France; Lieut. George B. Faulder; Lieut. J. G. Keiser; and Lieut. H. M. Sage, all are in active service.

The following graduates, since the formation of the college as a part of the University, are in the service:

Baker, Waldo Z.	Neitz, Eugene P.
Baxter, Earl H.	O'Brien, Martin A.
Cain, Wm. H.	Piotrowski, Jos. F.
Dayton, Neil A.	Poe, Geo. A.
Fischer, A. C.	Quay, Geo. H. Jr.
Fox, Wm. L.	Reese, James W.
Follansbee, Ralph G.	Reno, Morris H.
Gates, John L.	Savage, Hugh J.
Gans, Morris	Snow, Henry Jr.
Jones, Frank G. Jr.	Stober, Geo. W.
Hodson, Herman O.	Warren, Lee B.
Knappenberger, M. T.	Warner, Edward R.
McNerney, Jos. D.	Woodmansee, Archie D.

From our Nurses' Training School have gone the following trained nurses: Lois Campbell, Murriel Key, Henrietta Heyman. Frances Nichol, Dietitian, will go August first. Of the nurses graduated from the school, Olga Johnson, Rena Daily, Vera Benjamin, have qualified for Red Cross service and are ready to be called.

The college in the fall of 1917 entered upon its second year, under the increased entrance requirement of two college years, with a class of twelve, indicating that the student body will rapidly reach a normal status under advanced requirements for entrance.

All of the students of the college who are physically fit have joined the Medical Enlisted Reserve Corps.



The prospects for an entering class are from twelve to fifteen.

Twelve of the thirteen graduates took the Ohio Medical Board examination and all of them passed, Dr. E. H. Baxter being the second high man in the state, with an average of 91.7.

The general average for the class was 84.88, a fraction higher than the average for last year. The faculty has been especially pleased with this record for the reason that the class received all of its training at Ohio State University.

The standing of the college has been recognized by the War Department by being placed in the list of "well-recognized" schools by Surgeon General Gorgas.

It may be of interest to you to know in this connection that the Homoeopathic Profession of America has received recognition by the War Department thru the placing of Dr. C. E. Sawyer of Marion on the General Medical Board as Secretary of the Volunteer Medical Corps. Dr. C. E. Kahlke, of Chicago; Dr. Wm. B. Van Lennep, of Philadelphia; and Dr. Florence Ward, of San Francisco, have been made members of the Council of National Defense, Dr. Ward representing the women physicians of America. Dr. Ward has the distinction of being one of the foremost women surgeons of America and one of a very few women to be Fellows of the American College of Surgeons. Dr. T. A. McCann and Dr. C. A. Burrett are members of The State Council of Defense, Medical Section. These positions suggest a little of the place which our college and the Homoeopathic Profession are taking in the great war.

The hospital staff and the training school for nurses have taken an active part in Red Cross work. A part of the lower floor of the old hospital building has been used thruout the winter as a center for Red Cross work. Space in the new hospital has also been given over for this work. A class in Red Cross sewing has been meeting in the nurses' home during the winter.

The Department of Pediatrics, under Dr. R. C. Wolcott, has been taking care of the work in connection with the Children's Bureau of the U. S. Department of Labor. Over fifty babies have been examined in this department, taking care of the work in this section of the city.

During the college year the college faculty held a number of special clinics for the benefit of physicians within a radius of seventy-five miles of Columbus. These clinics were well attended and suggest the possibility of valuable work for the benefit of practicing physicians in this section of the state.

The college is in especial need of suitable quarters for experimentation and research work, especially as regards work upon larger animals. The plans for caring for this most important part of the college activities will be greatly appreciated.

In the Department of Materia Medica, Dr. Hinsdale has already done some very creditable work in drug experimentation. This work can be

greatly enlarged upon with proper facility for caring for large animals. This laboratory will make possible surgical experimentation which up to this time has been impossible. There is great need for a course in operative surgery which should be open to graduates in medicine and which this laboratory can supply. Such a laboratory is in operation in Chicago and is supplying an important need.

Our anticipations of the work of the University Hospital have been fully met during the past year. Four thousand five hundred twenty-eight patients were treated during the year, making a gain of almost 50% over last year's report. The cash receipts for the year of \$17,158.99 do not include over \$800 service rendered to students of the Aviation School. This is an increase of more than \$7000 over the cash receipts of a year ago.

The distribution of patients from over the state as well as from many other states continues to show the wide range of usefulness of the hospital.

This year the Department of Therapeutics, in charge of Dr. Hinsdale, has been added as one of the clinics of the hospital. In spite of the formation of this clinic, the medical clinic, under Dr. Wolcott, has increased in a very gratifying manner. This is especially satisfactory since the general tendency for the modern hospital is to increase on the surgical side far out of proportion to the medical.

There has been an increase in the number of patients in the maternity ward giving promise that this department will fulfill the need for clinical material in this branch of the work.

The loss of Professor Grosvenor and Doctors Keiser, Faulder and Sage, while placing much additional work upon the remaining members of the staff, will not reduce the teaching efficiency of the college. Dr. E. H. Baxter, who has been named as instructor in clinical diagnosis and clinical microscopy, has shown himself thru his four years as assistant in the Department of Anatomy under Professor Landacré and as assistant to Dr. Grosvenor, that he is fully capable of caring for the technical part of the work of this department. We are endeavoring to secure a man of longer experience to teach in the Department of Physical Diagnosis. Dr. George H. Quay, Jr., of this year's graduating class will assist Dr. Ferree in the Department of eye, ear, nose and throat, and Dr. George W. Stober will assist in the Department of Surgery. Dr. Humphrey hopes to secure a suitable assistant in Gynecology and Obstetrics.

The University Homoeopathic Hospital Training School for Nurses has been put upon a sound teaching basis. The course has been standardized to meet the requirements of the Nurses' Association and the school is recognized by the Ohio Medical Board. A bulletin setting forth the advantages of the school and describing the courses is now in the hands of the printer.

I should like to recommend that the Training School for Nurses be made a department of the college and that its graduates receive their cer-



tificates at the time of the regular graduating exercises of the University in June.

I should further like to recommend that the school be placed in such relation to the already existing department for the training of nurses in the University that a student may do the practical part of her training in the University Homoeopathic Hospital upon the completion of which she may receive the degree of B. S. in nursing, the student, of course, meeting all of the requirements of the University previous to entering upon her practical work in nursing.

The requirments for entrance to the College of Homoepathic Medicine have been placed to meet the requirements as set forth by the Association of American Medical Colleges and the Council on Medical Education of the American Medical Association, also the Federation of State Medical Boards of United States. There are, however, some slight differences in the details of requirements between this college and the College of Medicine of the University.

I should like to recommend that a joint committee of the College of Homoeopathic Medicine, the College of Medicine, and the College of Arts, be appointed to make the entrance requirements of the two medical schools of the University identical.

I am submitting a detailed report of the University Hospital, by departments, all of which is respectfully submitted.

Very truly yours,

CLAUDE A. BURRETT,

*Dean.*

## REPORT OF THE FACULTY OF THE COLLEGE OF VETERINARY MEDICINE

Numerous changes in the Personnel of the Faculty and in the academic work were necessary on account of the war situation.

(a) In August of 1917, Dean David S. White was called to Washington by the War Department as a member of an Advisory Board for the organization of a Veterinary Corps for the National Army. Up to this time the Veterinary Corps of the Regular Army was small and inadequate for the needs of the development of the Army. This Advisory Board had a stupendous task confronting it, but after about two months study of the various Veterinary Corps in the English, French and other allied armies, a plan was formulated and formally presented to the War College for their consideration. After a few minor changes it was adopted and made operative at once. The College of Veterinary Medicine was very fortunate in having a man of Dean White's ability as a representative on the Advisory Board. On account of Dean White's efficient assistance in formulating the plans for the Veterinary Corps of the National Army he was prevailed upon to accept a commission as Major to further assist in putting the plan into operation. He was commissioned October 4, 1917, and was granted a leave of absence from the Ohio State University at once to begin his new and important duties. He was detailed by the Surgeon General of the Army to take charge of the Division of Supplies for the Veterinary Corps, to assist with the Personnel of the Corps, and to have charge of the various Veterinary Training Schools, such as the Veterinary Section of the Medical Officers' Training Camp at Camp Greenleaf, Camp Lee, and others. These duties were given the same careful and efficient attention, and as a result of his labors these branches of the Veterinary Corps of the National Army have been developed on a very high plane.

Further, as a result of his ability as an executive and organizer, he attracted the attention of the War Department and was promoted to a Lieutenant Colonel July 10, 1918. The rapid increase in the size of the overseas army obviously called for a rapid expansion of the Veterinary Corps abroad and he was detailed to take charge of the organization of the Veterinary Corps of the National Army in France. He is at present in France assuming his new duties.

Colonel White's absence from the college during the academic year, 1917-18, obviously made necessary several changes in the Personnel of the Faculty.

(b) Septimus Sisson, Professor of Comparative Anatomy, was granted a leave of absence for the academic year, 1917-18, to assist his Alma Mater, The Ontario Veterinary College, Toronto, Canada. The Ontario Veterinary College lost a number of its faculty, who volunteered for military duty



in the Veterinary Corps of the British Army with the Canadian forces. This made it difficult for The Ontario Veterinary College to secure a sufficient number of efficient instructors to carry on the regular college work. Professor Sisson spent the year in assisting the faculty in perfecting a new organization.

(c) During Professor Sisson's absence the work in Veterinary Anatomy was conducted by Dr. Fonsa A. Lambert and Dr. William A. Weldishofer until March 1, 1918. At this time Dr. Lambert, who had previously been commissioned a Second Lieutenant in the Veterinary Reserve Corps was called into active service. This necessitated further changes in the personnel of the anatomical instructors. Dr. Walter R. Hobbs was detailed to take over the work of Lieutenant Lambert for the balance of the academic year in addition to his regular duties.

Even though these changes were necessary in this particular work the standards were maintained and the students were given approximately the same work as in previous years.

(d) During the second semester of the academic year, 1917-18, Dr. James Howard Snook, Assistant Professor of Veterinary Surgery, accepted a position in the School of Military Aeronautics to give instruction to the students in trap shooting, pistol and rifle practice, and the theoretical use of all small arms including machine guns of various types. Dr. Snook's ability and experience along this line has won for him international recognition. The School of Military Aeronautics was very fortunate in securing the services of Dr. Snook for this work. It is worthy of mention that Dr. Snook was prevailed upon to accept a majority commission in the Ordnance Department of the United States Army, but did not accept it as he believed he could be of greater service to his Country by continuing his work in the School of Military Aeronautics and in the College of Veterinary Medicine. By extra effort he carried both his usual amount of college work and the work in the School of Military Aeronautics in an efficient manner.

(e) A change in the personnel conducting the work in Veterinary Pathology was necessary owing to the absence of Major Russell L. Mundhenk on military duty. Major Mundhenk was formerly an assistant in the College of Veterinary Medicine and was Captain of Co. G, Ohio National Guard at the time of the Mexican trouble on the Texas border. At the close of this trouble he returned to his former duties at the College, to be called into service again at the beginning of the present war. He received commission as a Major and was detailed to the 112th Ammunition Train, Camp Sheridan Montgomery, Alabama. At a later date he was transferred to the 112th Field Signal Battalion, and is at present in France.

Dr. Ralph A. Hendershott (Ohio State '17) was appointed to serve during Major Mundhenk's absence. The work in Veterinary Pathology was conducted as efficiently as in previous years.

(f) The academic work formerly given by Colonel White was divided among different members of the Veterinary Faculty.

Dr. Samuel J. Schilling (Ohio State '17 and B. Sc. College of Agriculture, University of Wisconsin) was elected as instructor in the College and was detailed to give the different courses to the agricultural students and assist with the Veterinary Clinics. His training in agriculture and veterinary medicine specially fitted him for this work. His work was eminently satisfactory to all parties concerned.

Dr. John N. Shoemaker assumed charge of the course in Physical Diagnosis and Dr. A. G. G. Richardson one course in Theory and Practice of Veterinary Medicine. This work was added to their regular duties.

The changes in the Personnel of the Faculty of the College, on account of the war situation, added new duties to those remaining, but in every instance, owing to the fine spirit of loyalty and cooperation, the scholastic work was carried on in an efficient manner.

#### CHANGES IN THE ENTRANCE REQUIREMENTS AND CURRICULUM

The Faculty of the College of Veterinary Medicine, at a meeting held four years ago, decided to increase the entrance requirements to fifteen units of high school training and to lengthen the curriculum to four years of academic work.

The reason for including these facts at this time is to report on the results of these changes since they are at present in full operation. At the time these changes were decided upon there was a unanimous decision that the standards for veterinary education should be raised in keeping with the standards of the other professions, and the other colleges in the University.

These changes have brought about the results desired by the Faculty. The preliminary education of the students being broader and more thorough has materially raised the standard of the academic work done by the student. The extra year of academic work has allowed the curriculum to be expanded to include a number of newer subjects necessary to meet the needs of a broader and more thorough veterinary education.

#### STUDENTS IN THE COLLEGE OF VETERINARY MEDICINE

The enrollment in the College of Veterinary Medicine for the academic year, 1917-18, shows a material decrease in numbers over the preceeding year. This was true in all veterinary colleges in the United States. The reduction in numbers was due in part to the war situation which affected all colleges in the University; also in part to the fact that the change in curriculum left the College without the usual large senior class of previous years. The enrollment in the other classes was slightly under normal.

All students of military age were given the privilege of enlisting in the Medical Enlisted Reserve Corps which allows them to complete their veterinary education before entering military service. The total number



of students enrolled in the College for the year was seventy-four. Forty-five of this number are enlisted in the Medical Enlisted Reserve Corps. Three students failed to pass their regular work and were denied further matriculation.

Taking into consideration the various influences brought to bear upon registration, and the war situation, the enrollment was considered very satisfactory.

During the year a special bulletin on "The Veterinary Profession" was published at the suggestion of the College by the Ohio State University for distribution to prospective students. Letters were written to the alumni and to friends of the Veterinary College stating the present emergency for veterinarians to care for the live stock interests and to replace those who have entered the military service. The War Department, realizing the importance of the well-trained veterinarian at this time, has suggested that the veterinary colleges keep their enrollment as nearly normal as possible. It was the desire of the Faculty of the College of Veterinary Medicine to comply with the wishes of the War Department to keep up the normal supply of competent veterinarians, and a special effort was made accordingly.

#### ALUMNI IN THE VETERINARY CORPS OF THE NATIONAL ARMY

The organization of the Veterinary Corps of the National Army created a greater demand for veterinarians. It is very gratifying to know that the alumni of the College of Veterinary Medicine responded so patriotically to this call and up to the present time there are more than one hundred and fifty in the service. About seventy-five of this number are serving overseas. As the war continues others will go into the service as they are needed. The alumni of the Veterinary College have made the same patriotic response to the Call to the Colors as in the other colleges of the Ohio State University.

#### THE DEPARTMENT OF VETERINARY MEDICINE

The academic work in the Veterinary Department was handicapped somewhat by changes in the personnel, and by readjustment of courses to different instructors, but all of the instruction was given as usual and with a satisfactory degree of efficiency. The extra effort put forth by the instructors and their devotion to duty in this present emergency were potent factors in maintaining a high standard for academic year.

The executive work of the Department has been more than usual on account of the extra work for the War Department and various problems coming up as a result of war conditions. These duties have been performed as promptly and conscientiously as possible. The Executive Committee of the College was of material assistance in directing the policies of the Department for the year. The clinical work increased materially over the preceding year. There were nearly six thousand cases treated during the

year beginning July 1, 1917, and ending July 1, 1918. This was an increase of about seven hundred cases above 1916-17. The clinical staff was kept very busy looking after the details of this larger volume of business.

The Ambulatory or Out-patient Clinic showed an equal percentage of increase. This phase of clinical work is recognized by the clinicians as being of great value to the student in treating cases as they find them in actual practice. Special effort has been put forth in increasing this work as rapidly as possible. Considering the fact that this branch of the Veterinary Clinic has been in operation only a short time, the clinical staff is justified in being optimistic for its further development in the future.

It is also gratifying to report that the Clinics have been self-supporting during the year, and with a comfortable balance of nearly \$1500 to begin the new year on.

Departmental expenses were reduced to a minimum but not to the extent of interfering with the efficiency of the work in different courses.

I am pleased to report the splendid cooperation of all members of the Faculty and their devotion to duty during the absence of Colonel David S. White, Dean.

Very respectfully submitted,

O. V. BRUMLEY,

*Acting Dean, College of Veterinary Medicine.*



REPORT OF THE GRADUATE SCHOOL FOR THE  
ACADEMIC YEAR 1917-1918.

August, 17, 1918.

*President W. O. THOMPSON, Ohio State University,*

SIR:— As acting dean of the Graduate School I have the honor to submit the following report for the academic year 1917-1918.

To fill vacancies in the Graduate Council, Professor Samuel J. Barnett of the Department of Physics and Professor Homer C. Hockett of the Department of American History were appointed by the President. The vacancies created by the departure of Professor Dana J. Demorest and Professor Alan E. Flowers for Washington, D. C. to enter the service of the government have not yet been filled, and another vacancy has been caused by the recent resignation of Professor Barnett in order to except a research appointment under the Carnegie Foundation of Washington.

At Commencement, May 28, 1918, the following advanced degrees were granted: Ph. D., to nine candidates, M. A., to twenty-two candidates and M. Sc., to nineteen candidates.

On November 8, 1917, the enrollment in the Graduate School was one-hundred ninety-one students. An unusul number of departures reduced the list of students to one hundred thirty-six by the end of the first semester the war accounting directly or indirectly for many of these withdrawals. The school began the second semester with an attendance of one hundred one (February 14, 1918,) which soon increased to one hundred thirty. The number of withdrawals during this half year was only seven, military reasons being given for several of these also. The enrollment at the close of the second semester was therefore one hundred twenty-three.

The serious effects of the war upon the general attendance of the Graduate School have been exhibited also in the failure of a large proportion of our Fellows and Scholars to retain their appointments during the collegiate year. Of ten fellows appointed for the year, 1917-1918, three found it necessary to resign on September 1, 1917, and three more during the first semester; while out of a total of twenty-five applicants for scholarships who were recommended, two declined appointment, six resigned before the opening of the University in September, 1917; three resigned during the first semester, and two more during the second. The number of those able to retain their scholarships during the academic year, out of the list of twenty appointees for whom provision has annually been made was only eleven, not counting one student who held a scholarship during the second semester.

In order to avoid as far as possible this surrender of opportunities for advanced study in the University on account of paramount obligations of loyalty and service to the United States Goverment, and in accordance



with a suggestion of the President of the University, the Graduate Council has adopted the policy of declining to recommend during the continuation of hostilities any applicant for fellowship or scholarship who is subject to the call for military service. Such eliminations have made it impossible thus far to fill the regular quota of appointments to scholarships and fellowships for the year, 1918-19; and the present policy is likely to result in a similar situation as long as the war shall last.

During the past year the Graduate Council has been able to carry into effect in a limited way its plan of publishing as numbers in the Ohio State University Studies contributions of merit to the various branches of learning. Thus far two such studies have been printed in creditable form, one in the History and Political Science series by Professor H. C. Hockett, entitled "Western Influences on Political Parties to 1825", and the other in the Language and Literature series by Dr. Perley I. Reed, entitled "The Realistic Presentation of American Characters in Native American Plays Prior to Eighteen Seventy". Other contributions have already been approved by the Graduate Council and are awaiting publication, while others are in immediate prospect. It is hoped that a regular appropriation may be made not only for the conducting of fruitful lines of research under the general administration of the Graduate Council, but also that an annual sum may be made available for the express purpose of publishing important contributions which may be of too great length to be accepted by the regular journals. Such a publishing fund would make possible also the purchase of a sufficient number of reprints of important articles produced by members of a department to be issued as a number of The University Studies. The Ohio State University would thus take its proper rank among similar institutions as a place of productive scholarship and scientific research, and would receive the credit to which it is already legitimately entitled through the annual publication of related articles which can only be brought together in some such way as that suggested above.

In this connection it may be remarked that in compliance with action taken by the Graduate Council supplementary information for the years 1916 and 1917 has been collected and incorporated in the new issue of the bulletin of "Publications of the Teaching Staff", which is now in press and will be ready for distribution in October, 1918.

It only remains to be added that the present method of securing the publications of doctoral dissertations and the deposit of the required number of these in the University Library has not been found to be adequate in many cases. This and some other matters of significance in connection with the Graduate School will receive the early attention of the Graduate Council. The Graduate School, perhaps more than other Colleges of the University has suffered from the exigencies imposed by war, for apart from its inevitable loss of students, its administrative officers have changed twice since Dean, now Lieutenant-Colonel, William McPherson left the institution to enter the service of the government. A few months later Pro-



fessor Henry R. Spencer resigned as acting dean in order to take up Y. M. C. A. work on the Italian front. These changes have afforded an opportunity to the Council to exercise the virtues of patience and forbearance, which it has unfailingly done.

Respectfully submitted,

WILBUR H. SIEBERT,  
*Acting Dean.*

## REPORT OF RESEARCH PROFESSOR

May 25, 1918.

*President W. O. THOMPSON, University Hall.*

DEAR PRESIDENT THOMPSON:—In fulfillment of my promise in a recent conversation I beg to present a brief statement of activities as research professor during the past year.

I may preface this statement by nothing that, while my appointment as research professor took effect June, 1916, there was a delay of over a year in filling the duties as head of the department so that I had a considerable amount of routine work to attend to during the year 1916-17, and with fifteen graduate students enrolled for research courses under my direction my time was fairly well occupied but some progress was made on various problems in hand.

During the current school year I have had four graduates working under my direction here, two at the Experiment Station at Wooster and three others at Lake Laboratory and elsewhere, carrying forward plans for work which will eventually lead to degrees. Five of these are candidates for the Doctorate and four for the Master's degrees. A number of these graduates are working on problems which are closely related to my own lines of research and these will eventually assist in rounding out certain investigations which it is hoped will be of value.

Attendance on the regular staff meetings of the department and at the weekly Seminary of graduate students has enabled me to keep in touch with department activities.

During the year I have made identifications of collections for a considerable number of investigators or institutions, among them, Dr. C. Gordon Hewitt, Dominion Entomologist, Canada; Prof. W. H. Brittain, Agricultural College, Nova Scotia; C. W. Johnson, Boston Society Natural History; The American Museum of Natural History, New York; Carnegie Museum Pittsburgh, Pa.; U. S. National Museum, Washington, D. C., also collections from C. J. Drake, Syracuse University; B. B. Lawson, Lawrence, Kansas; W. D. Hunter, Bureau of Entomology, Washington; Harold Morrison of the Bureau of Entomology, (whose collections were mainly from California); A. C. Burrill, Moscow, Idaho, also a very considerable collection of especially interesting material sent by collectors in connection with the Experiment Station of the Hawaiian Sugar Planters' Association. This last includes nearly three thousand specimens representing extended collections from several of the different islands and having a special interest from a biological and faunistic standpoint. The identification of these collections has been not only of service to the various investigators assisted but has given me opportunity to examine material from widely different localities furnishing much of interest in my special studies on the distribution of insects concerned.



During the year I have attended meetings of the Society for the Promotion of Agricultural Science and of the Association of Agricultural Colleges and Experiment Stations in Washington in November; the meeting of the American Association for the Advancement of Science and Affiliated Societies at Pittsburgh during the last part of December and the first of January; the meeting of the Entomological Workers of Ohio; the Teachers of Mathematics and Science; the State Forestry Society and the Ohio Academy of Science at Columbus. In this connection I served as President of the Society for the Promotion of Agriculture, presided at the Zoological Section at the Pittsburgh meetings and presented papers at these various meetings at Washington, Pittsburgh, the Entomological Workers of Ohio, Ohio Forestry Society and the Ohio Academy of Science.

The work upon personal research has been along two lines although they are pretty closely related, first the study of meadow insects, which has special economic importance and which is carried on in cooperation with the Experiment Station and the departments of crops and soils in the University. A bulletin on the important insects of this group is in preparation for the Ohio Experiment Station and it is hoped it will be completed for publication during the coming winter. A considerable part of the manuscript is already completed. The second line of work is that upon the classification and distribution of the Hemiptera which involves the gathering of collections from various sources, identification and classification and this will result in Monographs or shorter papers upon the particular groups or special geographic areas concerned. While this work is capable of indefinite extension some parts are so far completed that publication of results may be possible in the near future.

In connection with the work of the Ohio Biological Survey I may report that several of the men in cooperating institutions have carried forward projects that were under way and some of these have been completed and are ready for publication. Lack of funds has delayed the expansion of this work along lines that would be desirable and also delayed the publication of papers which have been submitted but the nature of the papers is such that the delay will not involve loss of valuable results. It is hoped that this work may be taken up more thoroughly during the coming year or certainly with the resumption of normal conditions after the war.

A considerable number of inquiries concerning insects of the state have come to me for attention and have involved some correspondence but part of this work is now assigned to the extension department or other members of the staff.

I have also continued to serve as Managing Editor of the *Annals of the Entomological Society of America*, a Journal which is devoted strictly to the results of research work and the character of which is, I think, a distinct credit to the institution.

Respectfully submitted,

HERBERT OSBORN,  
*Research Professor.*

## REPORT OF THE HEALTH SERVICE DEPARTMENT

*President WM. O. THOMPSON, The Ohio State University.*

MY DEAR SIR:—I have the honor to submit the following report of the Student Health Service for the college year ending June 30, 1918:

2024 students were treated as follows:

## REPORT BY CLASSES

1ST SEMESTER		2ND SEMESTER	
Freshmen .....	423	Freshmen .....	393
Sophomores .....	294	Sophomores .....	298
Juniors .....	227	Juniors .....	151
Seniors .....	106	Seniors .....	44
Others .....	53	Others .....	35
	<u>1103</u>		<u>921</u>
Total .....			2024
Duplicates, Students treated both 1st and 2nd semesters .....			<u>379</u>
Total individual students treated .....			1645

## REPORT BY COLLEGES

1ST SEMESTER		2ND SEMESTER	
Arts .....	322	Arts .....	291
Agriculture .....	299	Agriculture .....	234
Education .....	26	Education .....	20
Engineering .....	328	Engineering .....	275
C & J .....	19	C & J .....	15
Graduates .....	19	Graduates .....	12
Pharmacy .....	17	Pharmacy .....	9
Employees .....	17	Employees .....	10
Veterinary .....	14	Veterinary .....	12
Instructors .....	14	Instructors .....	8
Law .....	12	Law .....	12
Dentistry .....	10	Dentistry .....	8
Not listed .....	6	Not listed .....	35
	<u>1103</u>		<u>921</u>

	1st Sem.	2nd Sem.
Average number of office calls daily .....	31	28
Total number of office calls .....	2397	1924
Total .....		<u>4321</u>

## SOME FUTURE POSSIBILITIES OF THE HEALTH SERVICE DEPARTMENT

The reports of this department for the past few years show that it has passed the experimental state. The cost of its maintenance is increasing



annually. There is no income as all service and medicine is furnished free to students. This necessarily limits our service and prevents future development.

In order to secure a fund for adequate service, a charge of one dollar a semester might be made a part of the incidental fees of every student in the University, to be used as a rotary fund to assist in covering the actual expense of the service. This charge would not be a burden to any student and would insure proper medical and surgical service to all students who desired to make use of it.

In the new organization there should be a medical director and one or more physicians as assistants so that both medical schools of the University might have representation and the student have the choice of either school of practice.

The care of students suffering from contagious disease has been a matter of serious concern to all of us. Numerous cases of this kind have come under my personal observation in which great suffering and hardship have come to individual students. The city, State or University has made no provision for the care of these unfortunate persons and several times during the past few years we were on the verge of serious epidemics as a result of this situation. At the earliest moment the University should provide suitable detention quarters for such cases.

It would be advisable as soon as possible or until this reorganization takes place to have a woman doctor in charge of the women students of the University.

Any reorganization under the present war conditions, in my opinion, would be unwise, but I believe we should look forward to the reconstructive period which is sure to come after the war.

H. SHINDLE WINGERT,  
*Director of Student Health Service.*

## SUMMARY OF THE FINANCIAL STATEMENT FOR THE YEAR ENDING JUNE 30, 1918

(A complete detailed financial report for the fiscal year ended June 30, 1918, is printed in separate form and may be had upon application.)

COLUMBUS, OHIO, August 5, 1918.

The financial statement presented herein is that part of the Annual Report of the Board of Trustees to the Governor of Ohio, which shows the financial condition of the Ohio State University for the fiscal year ended June 30, 1918.

CARL E. STEEB,  
*Secretary.*

### CONSOLIDATED STATEMENT

#### INCOME AND EXPENDITURES

Cash balance July 1, 1917 .....		\$ 159,783 83
Total income for year, <i>Schedule B</i> .....	\$2,242,598 10	
Less funds paid to State Treasurer and not available for the University, <i>Schedule B</i> .....	196,296 62	
Total available income, <i>Schedule B</i> .....	2,046,301 48	
Total expenditures for year, <i>Schedule C</i> .....	2,153,824 30	
Net deficit for year.....		107,522 82
Cash balance June 30, 1918 .....		\$ 52,261 01

#### ASSETS AND LIABILITIES

Current assets at end of year, <i>Schedule F</i> .....	\$ 703,007 26	
Investment assets at end of year, <i>Schedules D and F</i> ....	1,035,678 88	
Educational Plant—		
Value of lands, buildings and equipment, <i>Schedules D and F</i> .....	6,777,344 37	
Current liabilities at end of year, <i>Schedule F</i> .....		\$ 508,286 62
Investment liabilities at end of year, <i>Schedule F</i> .....		1,035,678 88
Capital account, <i>Schedules D and F</i> .....		6,972,065 01
	\$8,516,030 51	\$8,516,030 51

### INCOME

#### INCOME FROM STUDENTS:

Tuition, incidental and laboratory fees, <i>Schedule B-1</i> ..	\$ 148,268 50	
Special fees, degrees, etc., <i>Schedule B-1</i> .....	3,442 00	
For supplies, chemicals, laboratory material, etc. (in- cluded in Warehouse) .....		
For Shop Deposits .....	3,600 45	
For dormitories—Oxley Hall, <i>Schedule J</i> .....	33,209 94	
For locker rent .....	69 00	
		\$ 188,589 89



## INCOME FROM INVESTMENT OF:

Endowments for general purposes (see below) .....	
Endowments for designated purposes (see below)...	
Other investments (if any) .....	

\$ .....

INCOMES FROM GRANTS BY NATION, STATE AND SPECIAL  
TAXATION:

State Aid: Income from endowments granted by State	
Income from endowments for general purposes,	
<i>Schedule G</i> .....	13,045 88
Income from endowments for designated purposes,	
<i>Schedule H</i> .....	4,181 75
Tax levy for current expenses .....	
Appropriation by State Legislature .....	1,564,215 80

1,581,443 43

Federal Aid: Income from Land Grant Act of July 2,	
1862 (paid by State), <i>Schedule G</i> ....	31,450 59
Income from other Land Grants—Vir-	
ginia Military Lands (Paid by	
State), <i>Schedule G</i> .....	12,341 05
Additional Aid Acts of Aug. 30, 1890,	
and March 4, 1907 .....	50,000 00
For Agricultural Extension work (act	
of Congress, May 8, 1914) .....	78,149 26

171,940 90

## GIFTS FOR CURRENT EXPENSES:

For general purposes .....	
For designated purposes, <i>Schedule B-3</i> ..	50 00

50 00

## INCOME FROM OTHER SOURCES:

Architecture-Photo .....	340 84
Dental Clinic .....	10,995 07
Homeopathic clinic .....	17,148 99
American Association for International Conciliation.	600 00
Ohio Biological Survey .....	76 50
County Agents' funds from counties .....	36,150 00
Farmers' Institute funds from counties .....	15,400 00
Veterinary clinic .....	4,492 52
Journalism-Printing .....	25,319 45
Boys' and Girls' Club work .....	51,767 98
Rent .....	440 00
Sales—Produce and Dairy Products .....	39,078 04
Virginia Military Lands .....	338 00
Miscellaneous Sales and Refunds .....	1,153 63

203,301 02

## TEMPORARY ACCOUNTS:

Warehouse .....	97,272 86	97,272 86
Total income, <i>Schedule A</i> .....		2,242,598 10
Less funds paid to State Treasurer and not available		
for University, <i>Schedules A and B-2</i> .....		196,296 62
Total available income, <i>Schedule A</i> .....		\$2,046,301 48

## CLASSIFIED EXPENDITURES

	Items	Total
EXPENSES:		
Salaries .....	\$1,096,401	53
*Employes and extra labor .....	49,718	16
Field Work — Agricultural Extension — Including County Agents .....	54,720	07
Traveling expenses .....	1,221	99
Advertising .....	494	50
Boys' and Girls' Club work .....	51,350	26
Coal and Gas .....	80,468	09
Dormitory Supplies .....	15,964	73
Feed—live stock .....	10,808	00
Freight and cartage .....	4,138	28
Hospitals—use of wards and heating .....	9,125	00
Incidentals .....	17,257	66
Laboratory and educational supplies .....	52,760	47
Material and general supplies .....	65,866	55
Printing bulletins and catalogs .....	21,637	79
Repairs—equipment .....	5,847	62
Scholarships and student aid .....	3,595	00
Stationary and office supplies (including postage) ..	24,484	63
Telephone and telegraph .....	7,319	28
Trustees' expense .....	223	13
Virginia Military Lands .....	3,222	47
Water .....	10,031	94
Total Expenses, Schedules C-1 and C-2 .....		\$1,586,297 15
EQUIPMENT:		
Apparatus .....	17,769	62
Books .....	20,761	28
Collections .....	253	10
Furniture and fixtures .....	17,088	75
Horses, wagons and harness .....	15	94
Live stock .....	4,259	00
Machinery, tools and implements .....	5,547	98
Tunnels, conduits and heating lines .....	102	30
Total Equipment, Schedules C-1 and C-3 ..		\$ 65,797 97
LANDS .....	154,489	71
NEW BUILDINGS .....	188,145	60
ADDITIONS TO BUILDINGS .....	24,999	06
FIRE PROTECTION .....	80	
GRADING, PLANTING, ROADS, WALLS, ETC .....	1,381	84
RAILWAYS .....	2,092	36
UNCOMPLETED EQUIPMENT AND IMPROVEMENT ACCOUNTS ..	13,354	38
Total, Schedules C-1 and C-4 .....		\$ 384,463 75
TEMPORARY ACCOUNTS:		
Warehouse .....		117,265 43
Total Expenditures, Schedules A and C-1 ..		\$2,153,824 30

\*Amount paid to students, \$27,326 76.



## ASSETS

June 30, 1918

## CURRENT ASSETS:

Cash in bank and on hand for current expense.....	\$ 52,261 01	
Cash in bank for Aviation.....	7,732 44	
Account Receivable .....	454 00	
Auditor of State, Special Appropriations, Details <i>Schedule I</i> .....	508,286 62	
Store Room (Supplies per inventory).....	134,278 19	
Total Current Assets .....		\$ 703,007 26

## INVESTMENT ASSETS:

Securities, State Treasurer (irreducible debt of the state).....	1,035,678 88	
Total Investment Assets .....		1,035,678 88

## EDUCATIONAL PLANT: LANDS, BUILDINGS AND EQUIPMENT:

Balance at beginning of year.....	6,296,369 40	
Additions during year.....	480,974 97	
Total Educational Plant.....		6,777,344 37
Total Assets.....		\$8,516,030 51

## LIABILITIES

## CURRENT LIABILITIES:

Special State Appropriations.....	508,286 62	
Total Current Liabilities.....		508,286 62

## ENDOWMENT FUNDS:

## Endowment Capital Accounts:

Funds for General Purposes, Invested....	960,405 70	
Funds for Designated Purposes, Invested....	75,273 18	
Total Liabilities Endowment Funds..		1,035,678 88

## EDUCATIONAL PLANT, DEBT AND CAPITAL ACCOUNT:

Bonds or Mortgages against Plant.....		
Capital Account.....	6,972,065 01	
Total Educational Plant.....		6,972,065 01
Total Liabilities .....		\$8,516,030 51

## GIFTS FOR GENERAL AND DESIGNATED PURPOSES

The following items are turned into the State Treasury to the credit of Rotary funds for use by the University.

Name and Description	Amount
Matilda K. Compton .....	\$ 50 00
A gift to the College of Homeopathic Medicine.	
Total, <i>Schedule B</i> .....	\$ 50 00

## APPENDIX I

## BOARD OF TRUSTEES 1917-1918

	Original Appointment	Term Expires
GUY W. MALLON, Cincinnati .....	May 11, 1903	May 13, 1924
OSCAR E. BRADFUTE, Xenia .....	Aug. 21, 1905	May 13, 1925
FRANK E. POMERENE, Coshocton .....	May 15, 1905	May 13, 1919
BENJAMIN F. MCCANN .....	May 13, 1913	May 13, 1920
JOHN F. CUNNINGHAM, Cleveland .....	Jan. 25, 1915	May 13, 1921
JOHN KAISER, Marietta .....	Feb. 25, 1915	May 13, 1922
CHARLES F. KETTERING, Dayton .....	Mar. 21, 1917	May 13, 1923

## OFFICERS

BENJAMIN F. MCCANN .....	Chairman
JOHN F. CUNNINGHAM .....	Vice-Chairman
CARL E. STEEB .....	Secretary
JULIUS F. STONE .....	Treasurer

## APPENDIX II

## ADMINISTRATIVE OFFICERS

For Year Ending June 30, 1918

WILLIAM OXLEY THOMPSON, D. D., LL. D. ....	<i>President</i>
Office: University Hall—99312; N. 476	
Residence: University Grounds—2056	
CARL E. STEEB, B. Ph. ....	<i>Secretary of the Board of Trustees and Business Manager</i>
Office: University Hall (East End)—99332; N. 32	
Residence: 1956 Iuka Ave.—5835	
EDITH D. COCKINS, B. A. ....	<i>Registrar, University Editor and Secretary of the University Faculty</i>
Office: 101 University Hall—99314	
Residence: 1348 Neil Ave.—16310	
LESTER E. WOLFE, M. A. ....	<i>Secretary of the Entrance Board</i>
Office: 107 University Hall—99353; N. 939	
Residence: 1491 Neil Ave.—16507	
KATHERINE A. VOGEL .....	<i>Executive Clerk</i>
Office: University Hall—99312; N. 476	
Residence: 209 S. Monroe Ave.—E. 2356	
<i>Charles J. Watters</i> BESS C. WATERS .....	<i>Controller</i> <i>Cashier</i>
Office: University Hall—99332; N. 32	
Residence: 1851 N. Fourth St.—N. 2108	
CAROLINE M. BREYFOGLE, Ph. D. ....	<i>Dean of Women</i>
Office: 201 Home Economics Building—99367	
Residence: 16 Fourteenth Ave.—11364	



- JOSEPHINE MATTHEWS, B. Sc. (Dom. Sci.) ..*House Superintendent, Oxley Hall*  
Office and Residence: Oxley Hall—99352; N. 4146
- EDWARD S. DRAKE .....*Manager of Ohio Union*  
Office and Residence: Ohio Union—99357; N. 1002  
Manager's private phone, 99359-2R
- WILLIAM C. MCCracken.....*Superintendent of Operation and Maintenance*  
Office: Old Mechanical Laboratory—99311; N. 718  
Residence: 8 West Woodruff Ave.—11823
- RAY M. ROYER .....*Purchasing Agent*  
Office: University Hall (East End)—99374; N. 3222  
Residence: 276 Kelso Road—N. 7861
- FREDERICK E. JONES .....*Receiving Clerk*  
Office: Stores and Receiving Dept.—99354  
Residence: 255 Oakland Park Ave.—N. 7246
- JOSEPH N. BRADFORD, M. E. ....*University Architect*  
Office: Brown Hall—99361  
Residence: 1778 N. High St.—11456

## APPENDIX III

Which shows the number of professors, officers, teachers and other employees, and the position and compensation of each, as required by Section 7947 of an Act passed May 29, 1915.

## FOR THE YEAR ENDING JUNE 30, 1918

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
William Oxley Thompson....	President .....	\$10,000.00
Alfred Vivian .....	Professor of Agricultural Chemistry and Dean of the College of Agriculture .....	4,000.00
V. C. Smith .....	Assistant to the Dean of the College of Agriculture .....	1,800.00
J. F. Lyman .....	Professor in Agricultural Chemistry...	2,750.00
F. E. Bear .....	Professor in Agricultural Chemistry...	2,750.00
T. G. Phillips .....	Assistant Professor in Agricultural Chemistry (On leave) .....	1,050.00
George M. McClure .....	Instructor in Agricultural Chemistry...	1,400.00
*J. L. Hutchison .....	Instructor in Agricultural Chemistry...	720.00
Guy A. Conrey .....	Instructor in Agricultural Chemistry...	1,000.00
*Earl Barnes .....	Assistant in Agricultural Chemistry...	420.00
Charles Thrash .....	Assistant in Agricultural Chemistry...	840.00
*J. J. Riggle .....	Graduate Assistant in Agricultural Chemistry .....	210.00
*A. A. Olsen .....	Graduate Assistant in Agricultural Chemistry .....	90.00
George Valley .....	Assistant in Agricultural Chemistry	900.00
*Julia Smith .....	Graduate Assistant in Agricultural Chemistry .....	60.00
Josephine Richardson .....	Assistant in Agricultural Chemistry..	810.00
W. F. Stewart .....	Assistant Professor in Agricultural Ed- ucation .....	3,250.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*Edwin F. Johnson .....	Assistant Professor in Agricultural Education .....	700.00
*William Montgomery .....	Assistant Professor in Agricultural Education .....	560.00
M. L. Jordan .....	Student Assistant in Agricultural Education .....	40.00
L. N. Geiger .....	Student Assistant in Agricultural Education .....	40.00
H. C. Ramsower .....	Professor of Agricultural Engineering.	2,750.00
F. W. Ives .....	Assistant Professor in Agricultural Engineering .....	2,000.00
G. W. McCuen .....	Instructor in Agricultural Engineering .....	1,500.00
P. B. Potter .....	Instructor in Agricultural Engineering .....	1,200.00
J. T. Miller .....	Mechanic-Agricultural Engineering....	900.00
C. S. Plumb .....	Professor in Animal Husbandry .....	3,500.00
D. J. Kays .....	Professor in Animal Husbandry .....	2,500.00
F. S. Jacoby .....	Assistant Professor in Animal Husbandry .....	2,300.00
J. S. Coffey .....	Assistant Professor in Animal Husbandry .....	2,100.00
*S. M. Salisbury .....	Assistant Professor in Animal Husbandry .....	1,260.00
Tom Stone .....	Instructor in Animal Husbandry.....	1,400.00
C. T. Conklin .....	Instructor in Animal Husbandry.....	1,200.00
*R. H. Sturgeon .....	Student Assistant in Animal Husbandry .....	175.00
*E. B. Saunders .....	Student Assistant in Animal Husbandry .....	50.00
D. M. Fyffe .....	Superintendent of Live Stock .....	1,400.00
J. H. Schaffner .....	Professor of Botany (On leave).....	2,500.00
E. N. Transeau .....	Professor of Botany .....	2,750.00
R. F. Griggs .....	Assistant Professor of Botany.....	2,000.00
*W. G. Stover .....	Assistant Professor of Botany .....	1,290.00
Freda Detmers .....	Instructor in Botany .....	1,500.00
J. S. Crabb .....	Assistant in Botany .....	900.00
Jasper Sayre .....	Graduate Assistant in Botany .....	300.00
*H. A. Reinhard .....	Graduate Assistant in Botany .....	120.00
S. S. Humphrey .....	Student Assistant in Botany .....	150.00
H. W. Lutz .....	Graduate Assistant in Botany .....	240.00
H. C. Sampson .....	Instructor in Botany .....	1,500.00
C. N. McIntyre .....	Graduate Assistant in Botany .....	250.00
*Ernest Haber .....	Student Assistan in Botany .....	75.00
Lois Lampe .....	Student Assistant in Botany .....	100.00
Eunice A. Root .....	Student Assistant in Botany .....	50.00
Oscar Erf .....	Professor of Dairying .....	3,000.00
*O. C. Cunningham .....	Assistant Professor in Dairying .....	1,600.00
R. B. Stoltz .....	Assistant Professor in Dairying.....	1,800.00
E. J. Helbis .....	Assistant in Dairying .....	749.97
A. L. Bates .....	Driver-Dairying .....	600.00
*M. B. Jimison .....	Instructor in Dairying .....	700.00
C. Benjamin Irwin.....	Assistant in Dairying .....	300.00
J. B. Park .....	Professor of Farm Crops .....	2,500.00
C. J. Willard .....	Assistant Professor of Farm Crops....	1,800.00
L. E. Thatcher .....	Instructor in Farm Crops .....	1,200.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
George L. Schuster .....	Assistant in Farm Crops .....	600.00
Harry W. Schuer .....	Instructor in Farm Crops .....	1,100.00
*B. E. Stahl .....	Assistant in Farm Crops .....	280.00
Edna N. White .....	Professor of Home Economics .....	2,000.00
Anna R. Van Meter .....	Professor of Home Economics .....	2,500.00
Maud C. Hathaway .....	Assistant Professor of Home Economics .....	1,600.00
Maude G. Adams .....	Supervisor Practice Teaching .....	1,600.00
Grace Linder .....	Instructor in Home Economics .....	1,500.00
Grace Walker .....	Instructor in Home Economics .....	1,400.00
Marion Tucker .....	Instructor in Home Economics .....	1,400.00
Lila Skinner .....	Instructor in Home Economics .....	1,400.00
Glenna Hesse .....	Instructor in Home Economics .....	1,200.00
Ellen Miller .....	Instructor in Home Economics .....	800.00
*Olga Elfritz .....	Instructor in Home Economics .....	225.00
*Laura Heston .....	Instructor in Home Economics .....	75.00
Cora Elliott .....	Maid—Home Economics .....	540.00
Marie Freeman .....	Instructor in Home Economics .....	1,400.00
Doris McConathy .....	Instructor in Home Economics .....	750.00
*Anna Junkerman .....	Instructor in Home Economics .....	525.00
*Hazel Eichorn Hanna .....	Instructor in Home Economics .....	375.00
*Ruth Megathy .....	Instructor in Home Economics .....	200.00
*Ida Marshall .....	Instructor in Home Economics .....	200.00
W. Paddock .....	Professor of Horticulture and Forestry .....	3,250.00
L. M. Montgomery .....	Professor of Horticulture and Forestry .....	2,300.00
*V. H. Davis .....	Professor of Horticulture and Forestry .....	286.67
A. C. Hottes .....	Assistant Professor of Horticulture and Forestry .....	1,800.00
N. W. Scherer .....	Assistant Professor of Horticulture and Forestry .....	1,800.00
*W. H. Mosier .....	Instructor of Horticulture and Forestry .....	140.00
P. E. Emblar .....	Assistant in Horticulture and Forestry .....	960.00
A. D. Taylor .....	Non-Resident Professor of Horticulture and Forestry .....	500.00
H. E. Jacob .....	Assistant in Horticulture and Forestry .....	600.00
*F. E. Allen .....	Assistant Professor of Horticulture and Forestry .....	1,120.00
*B. D. Drain .....	Assistant in Horticulture and Forestry .....	956.67
*Lloyd Wise .....	Student Assistant in Horticulture and Forestry .....	75.00
F. H. Kreckler .....	Acting Director—Lake Laboratory .....	300.00
S. R. Williams .....	Instructor—Lake Laboratory .....	200.00
M. S. Stickney .....	Instructor—Lake Laboratory .....	200.00
P. S. Welch .....	Instructor—Lake Laboratory .....	200.00
J. I. Falconer .....	Acting Head and Assistant Professor—Department of Rural Economics .....	2,200.00
T. D. Phillips .....	Assistant Professor—Rural Economics .....	1,330.00
H. E. Erdman .....	Assistant Professor—Rural Economics .....	1,800.00
*L. O. Lantis .....	Instructor of Rural Economics .....	900.00
Archie J. Bishop .....	Instructor—Winter Course .....	300.00
Oscar D. Allstelter .....	Instructor—Winter Course .....	250.00
Ray Donley .....	Instructor—Winter Course .....	250.00
John Lengasher .....	Instructor—Winter Course .....	300.00
R. C. Osburn .....	Professor of Zoology and Entomology .....	3,250.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Herbert Osburn .....	Professor of Zoology and Entomology..	3,500.00
James S. Hine .....	Associate Professor of Zoology and Entomology .....	1,800.00
W. M. Barrows .....	Assistant Professor of Zoology and Entomology .....	2,000.00
C. L. Metcalf .....	Assistant Professor of Zoology and Entomology .....	1,800.00
F. H. Krecker .....	Assistant Professor of Zoology and Entomology .....	1,800.00
W. J. Kostir .....	Instructor in Zoology and Entomology..	1,500.00
D. M. DeLong .....	Instructor in Zoology and Entomology..	1,200.00
*C. A. Weigel .....	Graduate Assistant in Zoology and Entomology .....	300.00
R. K. Fletcher .....	Graduate Assistant in Zoology and Entomology .....	450.00
Mabel Stehle .....	Graduate Assistant in Zoology and Entomology .....	300.00
Dorothy M. Evans .....	Graduate Assistant in Zoology and Entomology .....	300.00
*J. C. Hamlin .....	Graduate Assistant in Zoology and Entomology .....	150.00
J. V. Denney .....	Dean of the College of Arts, Philosophy and Science .....	4,000.00
*Louis Foley .....	Instructor in the College of Arts, Philosophy and Science .....	250.00
H. C. Hocket .....	Professor in American History .....	2,500.00
A. M. Schlesinger .....	Assistant Professor of American History .....	2,250.00
George A. Wood .....	Instructor in American History .....	1,500.00
Carl Wittke .....	Instructor in American History .....	1,200.00
Bertha E. Jacobs .....	Graduate Assistant in American History .....	300.00
Forest L. Riffey .....	Graduate Assistant in American History .....	300.00
J. R. Taylor .....	Professor of English .....	2,750.00
George H. McKnight .....	Professor of English .....	2,750.00
W. L. Graves .....	Professor of English .....	2,500.00
V. A. Ketcham .....	Professor of English .....	2,500.00
L. A. Cooper .....	Professor of English .....	2,250.00
E. L. Beck .....	Professor of English .....	2,250.00
Milton Percival .....	Professor of English .....	2,000.00
C. E. Andrews .....	Professor of English (On leave) .....	
J. F. Craig .....	Instructor in English .....	1,200.00
C. G. Dishong .....	Instructor in English .....	1,200.00
E. W. Wiley .....	Instructor in English .....	1,200.00
*C. F. Lindsley .....	Instructor in English .....	120.00
Louis Foley .....	Instructor in English .....	1,000.00
Gertrude Robinson .....	Instructor in English .....	750.00
*Marjorie McCutcheon .....	Instructor in English .....	450.00
Edith Sniffin .....	Assistant in English .....	500.00
Verona Dollinger .....	Assistant in English .....	750.00
*Walter F. Sheets .....	Assistant in English .....	300.00
*W. F. Gysan .....	Assistant in English .....	700.00
Dorothea Knoblach .....	Assistant in English .....	300.00
Emma Scott .....	Assistant in English .....	300.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*R. Ray Steele	Assistant in English	400.00
Elizabeth Britain	Assistant in English	380.00
*Louis M. Eich	Assistant in English	840.00
W. H. Siebert	Professor of European History	3,500.00
E. H. MacNeal	Professor of European History	2,500.00
Clarence Perkins	Professor of European History	2,000.00
Wilmer C. Harris	Assistant Professor of European History	1,800.00
John R. Knipfling	Instructor in European History	1,200.00
Louise Abbott	Graduate Assistant in European History	300.00
J. A. Bownocker	Professor of Geology	2,750.00
J. E. Carman	Professor of Geology	2,750.00
W. A. Verwiebe	Instructor in Geology	1,500.00
*Arthur Bevan	Instructor in Geology	560.00
S. E. Mix	Graduate Assistant in Geology	300.00
W. M. Tucker	Assistant Professor of Geology	2,250.00
Helen Morningstar	Instructor in Geology	1,000.00
*T. M. Hills	Assistant Professor in Geology	250.00
M. B. Evans	Professor of German	3,500.00
B. A. Eisenlohr	Professor of German	2,000.00
Ludwig Lewisohn	Assistant Professor of German	1,500.00
Mary Thomas	Assistant Professor of German	1,500.00
Sarah T. Barrows	Assistant Professor of German	1,500.00
R. O. Busey	Assistant Professor of German	1,500.00
T. F. Kotz	Instructor in German (On leave)	
L. Z. Lerando	Assistant in German	500.00
*M. R. Lugibihl	Graduate Assistant in German	150.00
G. M. Bolling	Professor of Greek	3,500.00
*Erwin A. Esper	Graduate Assistant in Greek	450.00
S. C. Derby	Professor of Latin	2,750.00
A. W. Hodgman	Professor of Latin	2,500.00
W. S. Elden	Professor of Latin	2,500.00
Carrie E. Wolfe	Assistant in Latin	850.00
J. A. Leighton	Professor of Philosophy	3,500.00
A. E. Davies	Professor of Philosophy (On leave)	2,250.00
A. R. Chandler	Professor of Philosophy (On leave)	
R. D. Williams	Instructor in Philosophy	1,200.00
A. E. Avery	Assistant Professor in Philosophy	1,500.00
*H. R. Spencer	Professor of Political Science (On leave)	825.00
F. W. Coker	Professor of Political Science (On leave)	
E. A. Cottrell	Professor of Political Science	2,500.00
Waldo Schumacher	Graduate Assistant in Political Science	300.00
B. L. Bowen	Professor of Romance Languages	3,500.00
C. A. Bruce	Professor of Romance Languages	2,500.00
E. S. Ingraham	Professor of Romance Languages	2,250.00
T. E. Hamilton	Assistant Professor of Romance Languages	1,800.00
G. S. Chapin	Assistant Professor of Romance Languages	1,800.00
S. C. Guigou	Instructor in Romance Languages	1,500.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*E. P. Metour .....	Instructor in Romance Languages ....	360.00
Santiago Guitierrez .....	Instructor in Romance Languages ....	1,200.00
Mary M. Miller .....	Graduate Assistant in Romance Languages .....	300.00
Emma C. Stubner .....	Graduate Assistant in Romance Languages .....	300.00
Della R. Maddox .....	Assistant in Romance Languages ....	500.00
Alice L. Cardon .....	Assistant in Romance Languages ....	300.00
Audrey R. Bickel .....	Assistant in Romance Languages ....	300.00
Angelica Gutierrez .....	Assistant in Romance Languages ....	300.00
John R. Riley .....	Instructor in Romance Languages ....	1,200.00
*Ernest S. Berthemy .....	Instructor in Romance Languages ....	840.00
*Henri Tailliant .....	Instructor in Romance Languages ....	600.00
J. E. Hagerty .....	Dean of the College of Commerce and Journalism .....	4,000.00
M. B. Hammond .....	Professor of Economics and Sociology..	3,500.00
O. E. Lockhart .....	Professor of Economics and Sociology..	3,000.00
C. O. Ruggles .....	Professor of Economics and Sociology..	3,000.00
C. C. Huntington .....	Professor of Economics and Sociology..	2,750.00
C. C. North .....	Assistant Professor of Economics and Sociology (On leave) .....	
Carl E. Parry .....	Assistant Professor of Economics and Sociology .....	2,200.00
Henry F. Walradt .....	Assistant Professor of Economics and Sociology .....	2,000.00
Mary Louise Mark .....	Instructor in Economics and Sociology	1,600.00
*R. D. McKenzie .....	Instructor in Economics and Sociology (On leave) .....	700.00
*H. B. Drury .....	Instructor in Economics and Sociology (On leave) .....	650.00
*G. W. Eckelberry .....	Instructor in Economics and Sociology (On leave) .....	600.00
H. E. Bice .....	Instructor in Economics and Sociology	1,100.00
George Gephart .....	Instructor in Economics and Sociology (On leave) .....	
Harry E. Sheppard .....	Assistant in Economics and Sociology..	1,100.00
S. J. Coon .....	Assistant in Economics and Sociology..	1,025.00
J. A. DeHaas .....	Professor of Economics and Sociology..	2,500.00
D. R. Taft .....	Professor of Economics and Sociology..	2,000.00
Walter Weidler .....	Instructor in Economics and Sociology	1,600.00
Frederick Thrasher .....	Instructor in Economics and Sociology	1,100.00
*Stanley B. Tracy .....	Assistant in Economics and Sociology..	22.50
Robert Pfeifer .....	Assistant in Economics and Sociology..	421.66
*James W. Wheeler .....	Assistant in Economics and Sociology..	200.00
*W. F. Bloor .....	Assistant in Economics and Sociology..	250.00
J. S. Myers .....	Professor of Journalism .....	4,000.00
C. M. Baker .....	Instructor in Journalism .....	1,200.00
P. C. Carty .....	Instructor in Journalism .....	2,000.00
M. H. Hallett .....	Instructor in Journalism .....	1,560.00
Albert P. Taylor .....	Instructor in Journalism .....	1,202.00
*Bert C. Chambers .....	Instructor in Journalism .....	150.00
*Vaeth Brown .....	Instructor in Journalism .....	50.00
*A. D. Curfman .....	Instructor in Journalism .....	450.00
O. C. Hooper .....	Professor of Journalism .....	1,500.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*Leon A. Friedman	Editor of Lantern	150.00
H. M. Seamans	Dean of the College of Dentistry	4,000.00
H. V. Cottrell	Professor of Dentistry	1,300.00
W. C. Graham	Assistant Professor of Dentistry	900.00
R. B. Wiltberger	Assistant Professor of Dentistry	1,000.00
Clyde C. Hebble	Assistant Professor of Dentistry	1,300.00
H. S. Shumway	Instructor in Dentistry	900.00
C. W. Strosnider	Instructor in Dentistry	1,000.00
O. O. Mobberly	Instructor in Dentistry	1,800.00
Dick P. Snyder	Instructor in Dentistry	800.00
Edwin Martindale	Instructor in Dentistry	800.00
Frank C. Starr	Instructor in Dentistry (On leave)	
I. A. Botenhorn	Instructor in Dentistry	800.00
Earl G. Jones	Assistant in Dentistry	400.00
Louis E. Reif	Instructor in Dentistry (On leave)	
Richard M. Titus	Student Assistant in Dentistry	100.00
Arthur M. Elam	Student Assistant in Dentistry	300.00
George W. Knight	Dean of the College of Education	4,000.00
C. F. Kelley	Professor of Art	2,750.00
Alice Robinson	Assistant Professor of Art	1,800.00
W. J. Norris	Instructor in Art	1,500.00
E. O. Christensen	Instructor in Art	1,300.00
Mildred V. Talbot	Instructor in Art	1,100.00
L. F. Anderson	Professor of History and Philosophy of Education	3,250.00
Anthony Marins	Assistant in History and Philosophy of Education	800.00
E. L. Usry	Professor of Manual Training	2,500.00
R. E. Smith	Instructor in Manual Training	1,100.00
J. L. Clifton	Professor of Principles and Practice of Education	2,750.00
*G. R. Twiss	Professor of Principles and Practice of Education	1,500.00
W. M. Aikin	Asst. Prof. in Principles and Practice of Education (On leave)	1,500.00
G. F. Arps	Professor of Psychology (On leave)	2,100.00
Rudolph Pintner	Professor of Psychology	2,000.00
A. P. Weiss	Assistant Professor of Psychology	2,200.00
*J. W. Bridges	Assistant Professor of Psychology	190.00
John E. Evans	Instructor in Psychology	1,800.00
Harry W. Crane	Instructor in Psychology	1,700.00
Mabel Goudge	Instructor in Psychology	1,500.00
Elmer Culler	Instructor in Psychology	1,400.00
Genevieve L. Coy	Instructor in Psychology	1,400.00
Jeanette Reamer	Assistant in Psychology	750.00
C. N. Waterman	Laboratory Assistant in Psychology (Deceased)	40.00
Jean Spaid	Graduate Assistant in Psychology	300.00
Idella E. Dunn	Graduate Assistant in Psychology	300.00
Alida C. Bowler	Instructor in Psychology	1,350.00
*Ellis C. Noble	Graduate Assistant in Psychology	210.00
Ruth Miller	Laboratory Assistant in Psychology	360.00
S. W. Brown	Professor of School Administration	2,750.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
C. C. McCracken .....	Professor of School Administration....	2,750.00
E. F. Coddington .....	Acting Dean of the College of Engineering .....	500.00
Lenora Glasgow .....	Assistant to the Dean of the College of Engineering .....	1,000.00
J. N. Bradford .....	Professor of Architecture .....	1,200.00
C. St. J. Chubb .....	Professor of Architecture .....	2,625.00
F. H. Haskett .....	Instructor in Architecture .....	1,600.00
C. A. Mathias .....	Assistant in Architecture .....	600.00
W. C. Ronan .....	Instructor in Architecture .....	200.00
Howard D. Smith .....	Professor of Architecture .....	1,375.00
E. S. Manson, Jr. ....	Associate Professor of Astronomy (On leave) .....	
*Martha M. Miller .....	Graduate Assistant in Astronomy....	51.33
H. C. Lord .....	Professor of Astronomy .....	1,000.00
Edward Orton .....	Research Professor of Ceramics (On leave) .....	
A. S. Watts .....	Professor of Ceramics .....	3,000.00
Carl B. Harrop .....	Assistant Professor of Ceramics .....	1,800.00
J. C. Lysatt .....	Technician—Ceramics .....	600.00
Hewitt Wilson .....	Assistant Professor of Ceramics .....	2,000.00
*Ellsworth Ogden .....	Instructor in Ceramics .....	900.00
S. A. Norton .....	Emeritus Professor of Chemistry....	1,250.00
*W. L. Evans .....	Professor of Chemistry (On leave) ...	700.00
W. E. Henderson .....	Professor of Chemistry .....	3,250.00
J. R. Withrow .....	Professor of Chemistry .....	3,000.00
C. W. Foulk .....	Professor of Chemistry .....	2,600.00
C. E. Boord .....	Assistant Professor of Chemistry ....	2,000.00
H. L. Olin .....	Assistant Professor of Chemistry ....	1,600.00
J. H. Young .....	Instructor in Chemistry .....	1,200.00
Marion Hollingsworth .....	Assistant in Chemistry .....	700.00
*J. C. Bowman .....	Assistant in Chemistry .....	70.00
*P. K. Baird .....	Assistant in Chemistry .....	280.00
F. C. Vilbrant .....	Assistant in Chemistry .....	700.00
*J. A. Vander Werf .....	Assistant in Chemistry .....	70.00
Melvin G. Melon .....	Assistant in Chemistry .....	700.00
*Carl E. Frick .....	Assistant in Chemistry .....	373.33
*Lorin Selvell .....	Assistant in Chemistry .....	420.00
William W. Bauer .....	Assistant in Chemistry .....	660.00
Edward M. Starr .....	Graduate Assistant in Chemistry ....	300.00
*Aubrey Bradley .....	Graduate Assistant in Chemistry ....	240.00
Genevieve Spencer .....	Graduate Assistant in Chemistry ....	300.00
Harold Shattuck .....	Graduate Assistant in Chemistry ....	420.00
*Merle L. Dundon .....	Graduate Assistant in Chemistry ....	30.00
*Wendell A. Moor .....	Graduate Assistant in Chemistry ....	210.00
Clyde S. Adams .....	Graduate Assistant in Chemistry ....	700.00
*Paul Stegman .....	Graduate Assistant in Chemistry ....	43.00
Spencer S. Weber .....	Graduate Assistant in Chemistry ....	300.00
*Dean O. Critz .....	Graduate Assistant in Chemistry ....	240.00
*H. K. Baumgardner .....	Graduate Assistant in Chemistry ....	30.00
Jessie E. Day .....	Instructor in Chemistry .....	1,600.00
O. L. Hoover .....	Graduate Assistant in Chemistry ....	270.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Herbert S. Coith .....	Instructor in Chemistry .....	950.00
Homer B. Adkins .....	Instructor <sup>*</sup> in Chemistry .....	1,000.00
*S. L. Shenefield .....	Graduate Assistant in Chemistry .....	187.00
Julia E. Whitten .....	Assistant in Chemistry .....	540.00
Robert E. Miller .....	Graduate Assistant in Chemistry .....	277.00
*R. S. Weiser .....	Student Assistant in Chemistry .....	60.00
H. B. Wyman .....	Student Assistant in Chemistry .....	240.00
Willard F. Tressel .....	Student Assistant in Chemistry .....	270.00
Aubrey Hess .....	Assistant in Chemistry .....	350.00
*James G. Ralston .....	Student Assistant in Chemistry .....	112.50
*Marion G. Smith .....	Student Assistant in Chemistry .....	125.00
*Carlton E. Curran .....	Assistant in Chemistry .....	280.00
C. E. Sherman .....	Professor of Civil Engineering (On leave) .....	2,000.00
C. T. Morris .....	Professor of Civil Engineering .....	3,250.00
F. H. Eno .....	Professor of Civil Engineering .....	2,750.00
G. F. Schlesinger .....	Assistant Professor of Civil Engineer- ing .....	1,800.00
R. C. Sloane .....	Assistant Professor of Civil Engineer- ing .....	1,800.00
Wilhelm Neilson .....	Instructor in Civil Engineering .....	1,400.00
*Carl G. Faehnle .....	Instructor in Civil Engineering (On leave) .....	960.00
Grover C. Seegar .....	Instructor in Civil Engineering .....	1,800.00
J. R. Shank .....	Instructor in Civil Engineering .....	1,600.00
*Wm. Anderson .....	Instructor in Civil Engineering .....	50.00
G. F. Schlesinger .....	Assistant Professor of Civil Engineer- ing—Summer Camp .....	180.00
F. C. Caldwell .....	Professor of Electrical Engineering...	3,000.00
*Alan Flowers .....	Professor of Electrical Engineering (On leave) .....	1,750.00
J. E. Shepardson .....	Instructor in Electrical Engineering...	1,500.00
A. F. Puchstein .....	Assistant in Electrical Engineering...	700.00
W. R. Alexander .....	Machinist—Electrical Engineering ...	1,140.00
Joseph Greenwald .....	Machinist Helper—Electrical Engineer- ing .....	510.00
T. O. Farmer .....	Assistant in Electrical Engineering...	1,000.00
Harry E. Lockett .....	Student Assistant in Electrical Engi- neering .....	250.00
R. A. Brown .....	Instructor in Electrical Engineering...	500.00
Robert Carl Schott .....	Assistant in Electrical Engineering ...	250.00
T. E. French .....	Professor of Engineering Drawing...	3,500.00
Robert Meiklejohn .....	Assistant Professor of Engineering Drawing .....	2,100.00
O. E. Williams .....	Assistant Professor of Engineering Drawing .....	1,700.00
W. D. Turnbull .....	Assistant Professor of Engineering Drawing .....	1,700.00
C. L. Svenson .....	Assistant Professor of Engineering Drawing .....	1,500.00
S. S. Withrow .....	Assistant in Engineering Drawing ....	900.00
*Thomas A. Boyd .....	Student Assistant in Engineering Drawing .....	225.00
Byron M. Warder .....	Assistant in Engineering Drawing....	800.00

<sup>\*</sup>Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Russel K. Annia .....	Student Assistant in Engineering Drawing .....	300.00
*Lloyd Eagle .....	Instructor in Engineering Drawing....	620.00
Roy L. Clapper .....	Student Assistant in Engineering Drawing .....	300.00
*Wooster B. Field .....	Instructor in Engineering Drawing....	1,078.00
*Charles M. Ward .....	Student Assistant in Engineering Drawing .....	221.00
Floyd M. Martin .....	Assistant in Engineering Drawing ....	405.00
*George W. Baughman, Jr..	Student Assistant in Engineering Drawing .....	45.00
F. E. Sanborn .....	Professor of Industrial Arts .....	2,420.00
C. M. Beem .....	Instructor in Industrial Arts .....	1,705.00
A. A. Case .....	Instructor in Industrial Arts .....	1,430.00
J. A. Foust .....	Instructor in Industrial Arts .....	1,320.00
U. W. Dennon .....	Instructor in Industrial Arts .....	1,210.00
J. J. Breckur .....	Instructor in Industrial Arts .....	1,100.00
P. L. Wright .....	Assistant in Industrial Arts .....	935.00
Carl M. Senn .....	Assistant in Industrial Arts .....	900.00
Harold Wright .....	Assistant in Industrial Arts .....	935.00
W. A. Knight .....	Associate Professor in Industrial Arts.	250.00
Thomas C. Coleman .....	Assistant in Industrial Arts .....	552.50
Wm. John Walker .....	Student Assistant in Industrial Arts..	150.00
R. D. Bohannon .....	Professor of Mathematics .....	3,500.00
K. D. Swartzel .....	Professor of Mathematics .....	2,500.00
H. W. Kuhn .....	Professor of Mathematics .....	2,500.00
S. E. Rasor .....	Professor of Mathematics .....	2,400.00
C. C. Morris .....	Professor of Mathematics .....	2,000.00
C. L. Arnold .....	Associate Professor of Mathematics...	2,000.00
G. W. McCoard .....	Professor of Mathematics .....	1,800.00
C. J. West .....	Assistant Professor of Mathematics...	1,700.00
J. B. Preston .....	Assistant Professor of Mathematics...	1,500.00
Grace Bareis .....	Assistant Professor of Mathematics...	1,300.00
Hortense Rickard .....	Instructor in Mathematics .....	1,300.00
Charlotte Morningstar .....	Student Assistant in Mathematics ....	300.00
James H. Weaver .....	Instructor in Mathematics .....	1,000.00
F. W. Marquis .....	Professor of Mechanical Engineering..	2,750.00
Horace Judd .....	Associate Professor of Mechanical Engineering .....	2,000.00
H. H. Fikret .....	Assistant in Mechanical Engineering...	1,300.00
J. J. Davis .....	Machinist—Mechanical Engineering ...	1,080.00
R. L. Pratt .....	Engineer—Mechanical Engineering ...	1,080.00
*Edward Moran .....	Engineer—Mechanical Engineering...	307.69
John J. Greeley .....	Laborer—Mechanical Engineering ....	719.25
W. T. Magruder .....	Professor of Mechanical Engineering..	1,500.00
K. A. Norman .....	Professor of Mechanical Engineering..	2,250.00
John T. L. May .....	Instructor in Mechanical Engineering..	1,500.00
*James LaSalvia .....	Student Assistant in Mechanical Engineering .....	337.50
Victor L. Darnell .....	Student Assistant in Mechanical Engineering .....	260.00
J. E. Boyd .....	Professors of Mechanics .....	3,000.00
E. F. Coddington .....	Professor of Mechanics .....	2,750.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
J. O. Draffin .....	Instructor in Mechanics .....	1,200.00
*D. J. Demorest .....	Professor of Metallurgy (On leave)...	1,100.00
*E. E. Sommermeier .....	Professor of Metallurgy .....	1,200.00
E. C. Smith .....	Instructor in Metallurgy (On leave)...	
*Ray W. Arms .....	Assistant in Metallurgy (First Semester) .....	100.00
Joseph Gregorius .....	Assistant in Metallurgy .....	300.00
F. A. Ray .....	Professor of Mine Engineering .....	2,000.00
H. E. Nold .....	Professor of Mine Engineering .....	1,800.00
*R. K. Bowden .....	Student Assistant in Mine Engineering	105.00
*Ray B. Roberts .....	Student Assistant in Mine Engineering	105.00
*Leopold Faustino .....	Student Assistant in Mine Engineering	105.00
*A. P. McManigal .....	Student Assistant in Mine Engineering	45.00
*Curtis R. Henry .....	Student Assistant in Mine Engineering	60.00
W. J. McCaughey .....	Professor of Mineralogy .....	2,500.00
A. D. Cole .....	Professor of Physics .....	3,500.00
S. J. Barnett .....	Professor of Physics .....	2,750.00
*F. C. Blake .....	Professor of Physics .....	750.00
Charles Sheard .....	Professor of Physics .....	2,500.00
A. W. Smith .....	Professor of Physics .....	2,500.00
R. F. Earhart .....	Professor of Physics (On leave) .....	
H. G. Heil .....	Assistant Professor of Physics .....	1,800.00
D. A. Woodbury .....	Instructor in Physics .....	1,400.00
Alva W. Smith .....	Instructor in Physics .....	1,300.00
C. W. Jarvis .....	Assistant in Physics .....	800.00
*George Peirce .....	Assistant in Physics .....	397.50
A. P. Freund .....	Mechanician—Physics .....	1,160.00
R. C. Ditto .....	Instructor in Physics .....	1,400.00
*R. F. Earhart .....	Professor in Physics .....	1,166.67
I. Garnet Barber .....	Instructor in Physics .....	450.00
C. A. Burrett .....	Professor of Surgery and Clinical Surgery and Dean of College of Homeopathic Medicine .....	3,250.00
J. A. Ferre .....	Professor of Ophthalmology, Otology, Laryngology and Rhinology .....	2,500.00
Fred B. Grosvenor .....	Professor of Clinical Diagnosis and Clinical Microscopy (On leave)....	2,500.00
A. E. Hinsdale .....	Professor of Materia Medica and Clinical Therapeutics .....	2,500.00
W. A. Humphrey .....	Professor of Diseases of Women, Surgical Gynecology and Obstetrics .....	2,500.00
R. C. Wolcott .....	Professor of Internal Medicine .....	2,500.00
*J. G. Keiser .....	Graduate Assistant in Homeopathic Medicine .....	210.00
Harry M. Sage .....	Graduate Assistant in Homeopathic Medicine .....	300.00
W. B. Carpenter .....	Lecturer in Homeopathic Medicine .....	300.00
*George B. Faulder .....	Assistant in Homeopathic Medicine .....	240.00
E. H. Baxter .....	Student Assistant in Homeopathic Medicine .....	300.00
David Young .....	Assistant in Homeopathic Medicine .....	500.00
Floyd M. Green .....	Student Assistant in Homeopathic Medicine .....	188.00
Charles H. Fee .....	Student Assistant in Homeopathic Hospital .....	200.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*Lois Campbell	Principal of Nurses' Training School, Homeopathic Hospital	426.83
Gertrude Loessel	Teacher of Surgical Nursing	747.33
Mary Ferguson	Teaching Pharmacy Nursing	627.33
*Louise Harrod	Student Nurse—Homeopathic Hospital	28.13
Rena Daily	Student Nurse—Homeopathic Hospital	378.34
Elinor Schleglmilch	Student Nurse—Homeopathic Hospital	56.25
*Hazel Ault	Student Nurse—Homeopathic Hospital	6.25
Olga Johnson	Student Nurse—Homeopathic Hospital	62.50
Martha Bower	Student Nurse—Homeopathic Hospital	75.00
Sara Fulton	Student Nurse—Homeopathic Hospital	75.00
*Mildred Johnson	Student Nurse—Homeopathic Hospital	37.50
Helen Miller	Student Nurse—Homeopathic Hospital	75.00
Ethel Schaeffer	Student Nurse—Homeopathic Hospital	65.31
Leoto Fisher	Student Nurse—Homeopathic Hospital	65.11
Amanda Schneck	Student Nurse—Homeopathic Hospital	64.06
*Olira Hill	Student Nurse—Homeopathic Hospital	8.32
Nora Turner	Student Nurse—Homeopathic Hospital	61.98
Eva Clements	Student Nurse—Homeopathic Hospital	61.49
Beatrice Jacobs	Student Nurse—Homeopathic Hospital	56.81
*Charlotte Bush	Student Nurse—Homeopathic Hospital	4.16
Margaret Prossler	Student Nurse—Homeopathic Hospital	37.44
Margaret Wall	Student Nurse—Homeopathic Hospital	56.19
Emma Herbst	Student Nurse—Homeopathic Hospital	68.19
Lelia McGuire	Dietition—Homeopathic Hospital	473.33
Laura M. Key	Student Nurse—Homeopathic Hospital	150.00
Henrietta Hyman	Night Supervisor—Homeopathic Hos- pital	181.67
Marie Fledderjohann	Student Nurse—Homeopathic Hospital	45.79
Juanita Hauer	Student Nurse—Homeopathic Hospital	45.79
Hazel Ault	Student Nurse—Homeopathic Hospital	43.75
Florence Williams	Student Nurse—Homeopathic Hospital	24.97
Inez Terry	Student Nurse—Homeopathic Hospital	37.47
Leona Hurst	Student Nurse—Homeopathic Hospital	37.47
Mary Elizabeth Jones	Teaching Nurse—Homeopathic Hos- pital	125.00
Francis E. Schleglmilch	Teaching Nurse—Homeopathic Hos- pital	100.00
Katherine A. Burger	Student Nurse—Homeopathic Hospital	20.80
*Francis Nichol	Student Nurse—Homeopathic Hospital	50.00
John J. Adams	Professor of Law and Dean of the Col- lege of Law	5,000.00
G. W. Rightmire	Professor of Law	3,400.00
A. H. Tuttle	Professor of Law	3,400.00
Clarence D. Laylin	Professor of Law	3,400.00
Homer C. Corry	Assistant Professor of Law	2,000.00
J. W. Madden	Assistant Professor of Law	2,000.00
*E. F. McCampbell	Dean of the College of Medicine (On leave)	666.66
F. L. Landacre	Professor of Anatomy and Acting Dean of the College of Medicine	3,750.00
E. C. Buck	Assistant Professor of Anatomy	2,500.00
*J. H. Warren	Assistant Professor of Anatomy (On leave)	800.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
R. A. Knouff .....	Instructor in Anatomy (On leave) ....	800.00
R. C. Baler .....	Assistant in Anatomy .....	900.00
*R. A. McDonald .....	Technician—Anatomy .....	750.00
Wm. P. Smith .....	Student Assistant in Anatomy .....	750.00
W. L. Beach .....	Graduate Assistant in Anatomy .....	300.00
H. H. Yoakim .....	Student Assistant in Anatomy .....	300.00
W. Rohleder .....	Student Assistant in Anatomy (Second Semester) .....	150.00
C. I. Britt .....	Student Assistant in Anatomy .....	50.00
W. H. Buker .....	Student Assistant in Anatomy .....	50.00
M. Goldberg .....	Student Assistant in Anatomy .....	50.00
E. F. Maag .....	Student Assistant in Anatomy .....	50.00
K. D. Lneary .....	Student Assistant in Anatomy .....	50.00
Miss A. P. Warfield.....	Student Assistant in Anatomy .....	50.00
R. G. Lewis .....	Student Assistant in Anatomy .....	50.00
J. M. Griffith .....	Student Assistant in Anatomy .....	50.00
*A. R. Basinger .....	Student Assistant in Anatomy .....	90.00
Emma Courtright .....	Student Assistant in Anatomy .....	150.00
E. W. Meredith .....	Student Assistant in Anatomy .....	150.00
*Thomas Evans .....	Technician—Anatomy .....	30.00
*Carl H. McCamish .....	Student Assistant in Anatomy .....	30.00
C. B. Morry .....	Professor of Bacteriology and Head of the Department .....	2,850.00
W. A. Starin .....	Assistant Professor of Bacteriology....	2,400.00
Henry B. Froning .....	Instructor in Bacteriology .....	1,500.00
Vera M. McCoy .....	Instructor in Bacteriology .....	1,250.00
Oscar Metz .....	Diener—Bacteriology .....	840.00
Elmer Roshon .....	Student Assistant in Bacteriology....	350.00
*Glen D. Sheets .....	Student Assistant in Bacteriology....	150.00
*Mozell C. Whipps .....	Student Assistant in Bacteriology....	90.00
*Edwin E. H. Boyer.....	Student Assistant in Bacteriology....	60.00
*Edgar W. Bolton .....	Student Assistant in Bacteriology....	290.00
*Fred Speer .....	Student Assistant in Bacteriology....	260.00
Edward S. Davy .....	Pharmacist—Park St. Dispensary (3 Months) .....	60.00
Charles S. Pake .....	Pharmacist—Park St. Dispensary (3 Months) .....	60.00
Nelson Wistner .....	Dispensor—State St. Dispensary .....	200.00
R. H. Markwith .....	Interne .....	50.00
W. E. Duffee .....	Interne .....	50.00
J. R. Warren .....	Interne .....	50.00
*W. W. Beck .....	Interne .....	2.64
*D. A. Crist .....	Interne .....	2.64
*Charles Roach .....	Interne .....	14.31
J. H. L. Upham .....	Professor of Medicine .....	1,980.00
H. B. Blakey .....	Assistant Professor of Medicine.....	300.00
J. J. Coons .....	Assistant Professor of Medicine.....	200.00
C. J. Shepard .....	Assistant Professor of Medicine.....	200.00
E. G. Horton .....	Assistant Professor of Medicine.....	300.00
*E. J. Gordon .....	Assistant Professor of Medicine (On leave) .....	200.00
S. A. Hatfield .....	Assistant Professor of Medicine.....	2,000.00
H. O. Bratton .....	Instructor in Medicine .....	200.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
R. A. Ramsey	Instructor in Medicine	300.00
J. W. Sheets	Instructor in Medicine (On leave)	
Samuel Hindman	Instructor in Medicine (On leave)	
Joseph Leist	Instructor in Medicine	400.00
R. L. Barnes	Assistant in Medicine	100.00
G. H. Shawaker	Assistant in Medicine	100.00
S. D. Edelman	Assistant in Medicine (On leave)	
F. C. Wagenhals	Assistant in Medicine	200.00
Guy H. Williams	Assistant in Medicine	100.00
Andrews Rogers	Professor of Obstetrics	600.00
G. W. Brehm	Instructor in Obstetrics (On leave)	
C. W. Hadley	Instructor in Obstetrics	300.00
George C. Schaeffer	Instructor in Ophthalmology and Otolaryngology (On leave)	
H. G. Beatty	Instructor in Ophthalmology and Otolaryngology	200.00
A. W. Prout	Instructor in Ophthalmology and Otolaryngology	200.00
Ivor G. Clark	Instructor in Ophthalmology and Otolaryngology	200.00
John B. Alcorn	Assistant in Ophthalmology and Otolaryngology	200.00
W. H. Hodges	Assistant in Ophthalmology and Otolaryngology	200.00
T. Reese Williams	Assistant in Ophthalmology and Otolaryngology	200.00
Arthur M. Hauer	Instructor in Ophthalmology and Otolaryngology (On leave)	
Ernest Scott	Professor of Pathology	3,250.00
Carl L. Spohr	Professor of Pathology	2,600.00
*Jonathan Forman	Assistant Professor of Pathology (On leave)	230.00
Carl C. Hugger	Assistant in Pathology (On leave)	302.48
Hazel Cameron	Assistant in Pathology	1,000.00
Zeta Donahue	Technical Assistant—Pathology	572.00
*Jesse Martin	Assistant in Pathology	60.00
Margaret Fisher	Technical Assistant in Pathology	531.25
Clyde Brooks	Professor of Physiology, Phys. Chem. and Pharmacy and Head of Department	3,500.00
A. M. Bleile	Professor of Physiology, Phys. Chem. and Pharmacy	3,000.00
Clayton McPeck	Assistant Professor of Physiology, Phys. Chem. and Pharmacy	2,500.00
R. J. Seymour	Assistant Professor of Physiology, Phys. Chem. and Pharmacy	2,000.00
E. P. Durrant	Instructor in Physiology, Phys. Chem. and Pharmacy	1,600.00
*C. I. Reed	Instructor in Physiology, Phys. Chem. and Pharmacy	1,300.00
William Irving	Technical Assistant in Physiology, Phys. Chem. and Pharmacy	1,500.00
Ellis M. Black	Student Assistant in Physiology, Phys. Chem. and Pharmacy	250.00
Frank A. Watson	Student Assistant in Physiology, Phys. Chem. and Pharmacy	125.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*Marianna Alf	Research Assistant in Physiology, Phys. Chem. and Pharmacy	300.00
*Clara Wegener	Research Assistant in Physiology, Phys. Chem. and Pharmacy	100.00
*R. G. Paterson	Assistant Professor of Public Health and Sanitation (On leave)	1,250.00
E. R. Hayhurst	Assistant Professor of Public Health and Sanitation	2,190.00
L. H. VanBuskirk	Instructor in Public Health and Sanita- tion	200.00
Instructive District Nursing Assoc., Two Nurses	Instructor in Public Health and Sanita- tion	900.00
V. A. Dodd	Assistant Professor of Surgery and Gynecology (On leave)	
I. B. Harris	Assistant Professor of Surgery and Gynecology	300.00
Yeatman Wardlow	Assistant Professor of Surgery and Gynecology	200.00
Fred Fletcher	Assistant Professor of Surgery and Gynecology	200.00
L. L. Biglow	Assistant Professor of Surgery and Gynecology	2,000.00
E. A. Hamilton	Assistant Professor of Surgery and Gynecology	200.00
J. W. Means	Instructor in Surgery and Gynecology (On leave)	
L. V. Zartmen	Instructor in Surgery and Gynecology	400.00
P. D. Wilson	Instructor in Surgery and Gynecology (On leave)	
A. M. Steinfield	Assistant Professor of Surgery and Gynecology	100.00
H. A. Baldwin	Assistant Professor of Surgery and Gynecology	100.00
J. M. Gallen	Instructor in Surgery and Gynecology	200.00
H. J. Means	Instructor in Surgery and Gynecology	650.00
E. C. Ludwig	Instructor in Surgery and Gynecology (On leave)	
E. M. Freese	Assistant in Surgery and Gynecology	100.00
*Phillip J. Reel	Assistant in Surgery and Gynecology	39.00
P. E. Stiffey	Assistant in Surgery and Gynecology	100.00
*W. N. Taylor	Assistant in Surgery and Gynecology	50.00
*F. M. Stanton	Assistant in Surgery and Gynecology	50.00
Mary Worch	Technician—Surgery and Gynecology	225.00
C. A. Dye	Professor of Pharmacy and Acting Dean of the College of Pharmacy	3,000.00
Edward D. Davy	Instructor in Pharmacy	1,750.00
Chas. E. Pake	Student Assistant in Pharmacy	350.00
Azor Thurston	Instructor in Pharmacy	1,000.00
*Davis S. White	Professor of Veterinary Medicine and Dean of the College of Veterinary Medicine (On leave)	400.00
O. V. Brumley	Professor of Veterinary Medicine	3,500.00
A. G. G. Richardson	Professor of Veterinary Medicine	2,750.00
*F. A. Lambert	Assistant Professor of Veterinary Medicine (On leave)	1,470.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
J. N. Shoemaker .....	Assistant Professor of Veterinary Medicine .....	2,000.00
J. H. Snook .....	Assistant Professor of Veterinary Medicine .....	1,900.00
Walter R. Hobbs .....	Instructor in Veterinary Medicine ....	1,600.00
R. L. Mundhenk .....	Instructor in Veterinary Medicine (On leave) .....	
R. E. Rebrassier .....	Instructor in Veterinary Medicine ....	1,200.00
*John Torr .....	Clerk—Veterinary Medicine .....	150.00
W. M. Weldsidhofer .....	Assistant in Veterinary Medicine ....	1,200.00
R. A. Hendershott .....	Assistant in Veterinary Medicine ....	1,100.00
S. J. Schilling .....	Instructor in Veterinary Medicine ....	1,215.00
*Wm. Richie .....	Clerk—Veterinary Medicine .....	452.31
*James O. Mason .....	Groom—Veterinary Medicine .....	260.00
*Hoy J. Budd .....	Student Clerk—Veterinary Medicine...	60.00
O. V. Brumley .....	Acting Dean of the College of Veterinary Medicine .....	500.00
Wm. McPherson .....	Dean of the Graduate School (On leave) .....	
Frederick Fenton .....	Graduate Fellow .....	500.00
Walter French .....	Graduate Fellow .....	500.00
*W. S. Camertsfelder .....	Graduate Fellow .....	400.00
Esther Gatewood .....	Graduate Fellow .....	500.00
Adolph E. Waller .....	Graduate Fellow .....	500.00
*Harry S. Will .....	Graduate Fellow .....	250.00
Myrla Lowe .....	Graduate Fellow .....	350.00
Mrs. Eliz. Beatty .....	Graduate Scholar .....	250.00
Nell C. Crates .....	Graduate Scholar .....	250.00
Esther McLain .....	Graduate Scholar .....	250.00
Dorothy Osborn .....	Graduate Scholar .....	250.00
*Herbert A. Toops .....	Graduate Scholar .....	200.00
Joshua H. Vogel .....	Graduate Scholar .....	250.00
Oscar Wesley .....	Graduate Scholar .....	250.00
Miriam E. Sims .....	Graduate Scholar .....	250.00
*John E. Overpeck .....	Graduate Scholar .....	100.00
Agnes Atkinson .....	Graduate Scholar .....	250.00
Frances M. Lorcheter .....	Graduate Scholar .....	250.00
May Phalor .....	Graduate Scholar .....	250.00
Russell Grimm .....	Graduate Scholar .....	250.00
*Pansey Rauhauser .....	Graduate Scholar .....	125.00
W. H. Siebert .....	Acting Dean of the Graduate School...	300.00
Olive Jones .....	Librarian .....	2,000.00
*Chas. W. Reeder .....	Reference Librarian .....	1,350.00
Gertrude Kellicott .....	Accession Librarian .....	1,700.00
Maud D. Jeffrey .....	Reference Librarian .....	1,700.00
Donald Leidigh .....	Accession Librarian .....	960.00
*Paul Byrne .....	Assistant Reference Librarian .....	216.66
Margaret Mitchell .....	Library Assistant .....	960.00
Alice L. Morris .....	Library Assistant .....	960.00
Mae Walker .....	Library Assistant .....	780.00
Helen E. Sells .....	Library Assistant .....	745.00
Bertha M. Schneider .....	Head Cataloguer .....	1,400.00
Alice McKee .....	Cataloguer .....	960.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*Harriet E. Dutcher	Assistant Cataloguer	640.00
Esther Chapin	Library Assistant	960.00
Alice Cruikshank	Cataloguer	960.00
Louise Schoeneweiss	Library Assistant	1,080.00
Harriet Townsend	Assistant in Library	840.00
Lillian M. Nippert	Library Assistant	750.00
Mary E. Lewis	Library Assistant	720.00
*Francis Mason	Library Assistant	70.00
Alonzo F. Hixon	Library Assistant	40.00
Margaret Forwick	Library Assistant	660.00
*Bliss Magley	Library Assistant	125.00
*Evelyn Melsheimer	Library Assistant	550.00
Marie Hopkins	Library Assistant	533.35
Augusta Eckstine	Library Assistant	458.33
E. G. Shatzman	Library Assistant	500.00
*Willard H. Yeager	Library Assistant	330.00
E. A. Schwinn	Library Assistant	320.00
Edith B. Cooperider	Library Assistant	415.00
*Arthur N. Thomas	Library Assistant	490.00
*Muriel J. Schabacker	Cataloguer	225.00
*Gertrude North	Library Assistant	200.00
*Helen Beall	Library Assistant	75.00
George L. Converse	Professor of Military Science and Tactics	1,700.00
Gustav Bruder	Bandmaster	450.00
*W. S. Erskine	Assistant to Commandant	850.00
*Mary McGaughey	Clerk-War Records Committee	292.50
L. W. St. John	Professor of Physical Education	4,000.00
J. H. Nichols	Professor of Physical Education	1,375.00
Florence A. Meyer	Assistant Professor of Physical Educa- tion	1,800.00
H. C. Ohlson	Instructor in Physical Education	1,700.00
G. M. Trautman	Instructor in Physical Education (On leave)	
Margaret Hammett	Instructor in Physical Education	1,300.00
Mrs. Clark Hunter	Pianist—Physical Education	600.00
Selma Mesloh	Assistant in Physical Education	600.00
Lola Stout	Maid—Physical Education	480.00
Ossion C. Bird	Instructor in Physical Education	900.00
*Wayne Wright	Assistant in Physical Education	100.00
*F. R. Castleman	Professor of Physical Education	520.00
*Katherine Duncan	Executive Clerk	125.00
*Helen Z. Gardner	Clerk—President's Office	425.00
*Katherine E. Conrad	Clerk—President's Office	120.00
*Eva L. Schilling	Clerk—President's Office	150.00
*Katherine Vogel	Clerk—President's Office	800.00
Lucile Atcherson	Clerk—President's Office (On leave)	60.00
*Ruth M. Ford	Stenographer—President's Office	357.50
Edith D. Cockins	Registrar, Secretary of Faculty and University Editor	2,500.00
Lucy M. Taylor	Assistant in Registrar's Office	1,300.00
Clara Miller	Assistant in Registrar's Office	960.00
Helen Clark	Assistant in Registrar's Office	960.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Sarah Jacobs .....	Assistant in Registrar's Office .....	900.00
Winifred Warner .....	Assistant in Registrar's Office .....	840.00
Ethyl Woodbury .....	Assistant in Registrar's Office .....	780.00
Helen Patton .....	Assistant in Registrar's Office .....	780.00
Helen Frame .....	Assistant in Registrar's Office .....	780.00
L. E. Wolfe .....	Secretary of Entrance Board .....	2,200.00
*Frances Work .....	Stenographer—Entrance Board .....	382.50
*Wilda Ruth .....	Clerk—Entrance Board .....	540.00
Marion Tinsley .....	Clerk—Entrance Board .....	480.00
*Ednah Pugh .....	Stenographer—Entrance Board .....	180.00
Caroline Breyfogle .....	Dean of Women .....	2,160.00
Arema O'Brien .....	Assistant to Dean of Women.....	960.00
Charles E. Findlay .....	Clerk .....	1,083.33
Hugh Hardy .....	Clerk .....	840.00
Annette Shugert .....	Stenographer .....	780.00
Mabel Moran .....	Stenographer .....	780.00
*Marie D. Haines .....	Sales Clerk .....	455.00
Clarissa Arndt .....	Stenographer .....	780.00
W. Aimes Obaugh .....	Stenographer .....	720.00
*Naomi Haber .....	Stenographer .....	235.38
Mary Lahmering .....	Stenographer .....	720.00
Mary Thomas .....	Clerk .....	720.00
W. F. Felch .....	Clerk .....	720.00
Eva Smith .....	Stenographer .....	720.00
*Margaret Fisher .....	Stenographer .....	210.00
*Ruth M. Ford .....	Stenographer .....	390.00
M. Grace White .....	Stenographer .....	720.00
*Helen Jones .....	Stenographer .....	150.00
Matha B. Smith .....	Stenographer (On leave) .....	143.08
Mrs. Mary Hunter .....	Stenographer .....	725.00
*Florence M. Spencer .....	Stenographer .....	55.00
Edith Rathbun .....	Stenographer .....	660.00
Blanch Clarke .....	Stenographer .....	680.66
Alberta Williams .....	Stenographer .....	660.00
M. Helen Pugh .....	Stenographer .....	660.00
*Mary Farmer .....	Stenographer .....	552.12
Alice Moran .....	Stenographer (Chemistry Bldg.) .....	700.00
Orletta Ansel .....	Stenographer (One-half Time) .....	375.00
*Margaret Holman .....	Stenographer (Dairying) .....	217.31
Norma E. Peck .....	Stenographer .....	900.00
*Mary Fouch .....	Stenographer (On leave) .....	220.00
Katherine Pugh .....	Stenographer .....	660.00
*Gladys W. Wyant .....	Stenographer .....	150.00
*Mary E. Pennoyer .....	Stenographer .....	219.23
*Jessie M. Schlegel .....	Stenographer .....	101.92
*Virginia Given .....	Stenographer .....	15.00
Duncan Cameron .....	Stenographer .....	552.50
Marie Huffman .....	Stenographer .....	234.62
*Josephine Williams .....	Stenographer .....	32.69
*Lucille Atcherson .....	Stenographer .....	73.08
Florence B. Marsh .....	Stenographer .....	567.69
*Catherine Doody .....	Stenographer .....	528.85

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Margaret M. Ryan .....	Stenographer .....	450.00
*Corinne Klingan .....	Stenographer .....	67.31
*Anne Darby .....	Stenographer .....	131.54
*Lillian Moore .....	Stenographer .....	480.00
Gail E. Miller .....	Stenographer .....	462.92
*Ann B. Crowley .....	Stenographer .....	32.60
*Ethel Huber .....	Stenographer .....	155.77
Mary E. McMillen .....	Stenographer .....	382.69
*Bernice Blue .....	Stenographer .....	425.00
*Helen Dunlap .....	Stenographer .....	390.38
*Kathryn Murtha .....	Stenographer .....	250.00
*Clytie H. Davies .....	Stenographer .....	100.00
*Gladys Laughlin .....	Stenographer .....	100.00
*Marie Combs .....	Stenographer .....	165.00
*Bertha Woolman .....	Stenographer .....	180.00
Florence Bennett .....	Stenographer .....	110.00
Mrs. Dora M. Solar .....	Stenographer .....	100.00
Muriel Snyder .....	Stenographer .....	100.00
Cecelia Ryan .....	Stenographer .....	25.00
Victoria Reichel .....	Stenographer .....	60.00
H. S. Wingert .....	Director Student Health Service .....	2,750.00
Carl E. Steeb .....	Secretary and Business Manager .....	5,000.00
Jane Haskett .....	Chief Clerk .....	1,200.00
R. M. Royer .....	Purchasing Agent .....	2,500.00
*Katherine Vogel .....	Clerk .....	320.00
Marguerite Lewis .....	Clerk .....	880.00
*Mary McGaughey .....	Stenographer .....	325.00
Bess Waters .....	Cashier .....	1,200.00
Mary Kraus .....	Auditor .....	1,300.00
Ethel Gilkey .....	Bill Clerk .....	900.00
Hazel Bratton .....	Voucher Clerk .....	820.00
Esther Morrow .....	Cost Clerk .....	640.00
Minette Fritts .....	Student Clerk .....	300.00
*Edgar W. Dean .....	Comptroller .....	1,662.47
*Iva M. Eddy .....	Bookkeeper (On leave) .....	900.00
*Harold Keenan .....	Clerk .....	420.00
Chas. Kuntz .....	Budget and Inventory Clerk .....	1,500.00
*Harriet Sturm .....	Stenographer .....	275.00
*Marie D. Haines .....	Clerk .....	350.00
*Florence Naile .....	Bookkeeper .....	300.00
W. C. McCracken .....	Chief Engineer and Superintendent of Buildings and Grounds .....	3,500.00
*C. M. Dunbar .....	Clerk and Timekeeper .....	990.00
*E. R. Millfelt .....	Stenographer .....	195.00
*E. R. Davis .....	Stenographer .....	585.00
*Lee E. Vigor .....	Stenographer .....	65.00
J. P. Covan .....	Master Mechanic .....	1,900.00
W. H. Case .....	Assistant Chief Engineer .....	1,320.00
Fred Brewer .....	Engineer .....	1,080.00
W. D. Hicks .....	Engineer .....	1,080.00
R. M. Ronk .....	Engineer .....	1,080.00
C. Ashenhurst .....	Fireman .....	960.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
S. Lowery	Fireman	960.00
James F. Walker	Fireman	960.00
I. C. Reasoner	Blacksmith	960.00
C. Woodford	Fireman	960.00
Wm. Anderson	Craneman	1,020.00
*J. Marchezo	Wiper	281.25
*T. Garson	Ashwheeler	312.50
*O. G. Long	Ashwheeler	70.83
Louis Mazzola	Ashwheeler	625.00
G. E. Shepard	Steamfitter	1,300.00
B. A. LeBay	Steamfitter	1,080.00
F. H. Beck	Electrician	1,300.00
G. W. Dillahunt	Assistant Electrician	1,080.00
*Thomas Allen	Night Troubleman	960.00
A. O. Kaiser	Helper to Engineer	960.00
*C. T. Fippin	Helper	810.00
*Elmer George	Laborer	256.13
Chas Reasoner	Helper to Blacksmith	690.00
John Kraner	Carpenter	1,300.00
Martin Caughlin	Carpenter	1,160.00
E. L. Martin	Carpenter	1,160.00
R. C. Kaiser	Plumber (House 300)	1,200.00
E. Inscho	Plumber's Helper	960.00
H. E. Truxall	Painter	1,120.00
*V. G. McKinnon	Painter	667.69
J. Brain	Painter	900.00
H. R. Johnson	Tinner	1,120.00
T. McGarry	Foreman of Campus (House 120)	1,080.00
*Irvin Harrison	Laborer	56.33
Joseph Venis	Laborer	780.00
*A. Armstrong	Laborer	520.00
L. Stewart	Laborer	720.00
J. Fredo	Laborer	720.00
Wm. North	Day Policeman	900.00
W. F. Mahaffey	Night Watchman	875.00
John F. Daniels	Night Watchman	875.00
H. S. Brown	Policeman	840.00
J. W. DeWitte	Watchman	750.00
*John O'Rourke	Supervisor	60.00
C. M. Hicks	Inspector	960.00
R. Brandon	Janitor	720.00
W. F. Penn	Janitor	720.00
W. M. Stahl	Janitor	720.00
D. W. Williams	Janitor	720.00
Wm. Dashler	Janitor	780.00
*W. H. Spurgeon	Janitor	48.46
M. N. Cook	Janitor	720.00
Harry Chantler	Janitor	780.00
G. J. Hoesch	Janitor	780.00
O. E. Kiger	Janitor	780.00
J. J. Weate	Janitor	780.00
W. W. Whitmer	Janitor	780.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
J. A. Dannley .....	Student Janitor .....	300.00
S. A. Williams .....	Janitor .....	720.00
Mrs. Lou Cornett .....	Janitress .....	480.00
J. W. Brown .....	Janitor .....	720.00
*E. Long .....	Janitor .....	585.00
G. E. Denney .....	Janitor .....	720.00
B. N. Lewis .....	Janitor .....	720.00
R. M. Moore .....	Janitor .....	720.00
Oliver Smith .....	Janitor .....	780.00
Fred Fleisher .....	Janitor .....	690.00
L. F. Jordan .....	Janitor .....	780.00
B. F. Tallmadge .....	Janitor .....	780.00
W. H. Walker .....	Janitor .....	780.00
E. L. Clements .....	Janitor .....	840.00
E. B. Seaman .....	Janitor .....	300.00
*G. Miller .....	Janitor .....	120.00
C. A. Hopkins .....	Janitor .....	780.00
W. Curry .....	Janitor .....	780.00
*J. E. Holliday .....	Janitor .....	60.00
James Merrill .....	Janitor .....	720.00
*Huston Jones .....	Janitor .....	195.00
*Thomas Evans .....	Janitor .....	650.00
W. E. Simpson .....	Janitor .....	780.00
Jack Gantz .....	Janitor .....	660.00
Wm. Pohle .....	Janitor .....	780.00
E. R. Muse .....	Janitor .....	730.00
John Long .....	Janitor .....	780.00
L. W. Richardson .....	Janitor .....	780.00
E. J. Nutt .....	Janitor .....	720.00
*V. E. Brevot .....	Janitor .....	60.00
Mary Wagner .....	Janitress .....	480.00
A. A. Hathaway .....	Janitor .....	720.00
*D. R. Kimball .....	Janitor .....	579.23
Robert Petrie .....	Janitor .....	720.00
*Eliza Monnett .....	Janitress .....	440.00
*Lillian Monnett .....	Janitress .....	440.00
John R. Butler .....	Janitor .....	720.00
Lydia Dawson .....	Janitress .....	480.00
M. S. Harvey .....	Elevator Man .....	420.00
Mary Powers .....	Marton of Rest Room .....	480.00
William Mutchmore .....	Custodian Medical Bldgs. ....	1,200.00
C. Bryan .....	Laundryman .....	207.69
Mrs. Myrtle Faught .....	Laundress .....	780.00
Agnes McGrail .....	Laundress .....	480.00
J. E. Jones .....	Ashwheeler .....	668.75
Alphonso Case .....	Watchman .....	804.17
*J. Hobert .....	Laborer .....	715.00
W. Buechler .....	Janitor .....	660.00
C. M. Shelton .....	Janitor .....	660.00
Thomas Oram .....	Inspector of Watchman .....	810.00
Harrison B. Case .....	Night Watchman .....	815.00
C. E. Harold .....	Janitor .....	660.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*M. Linville .....	Janitor .....	60.00
Stacey Noe .....	Janitor .....	652.00
*LeRoy Wilson .....	Janitor .....	288.75
*Lester Johnson .....	Janitor .....	408.46
W. C. Harbin .....	Janitor .....	600.00
Robert L. Farrell .....	Laborer .....	617.50
Martha Walker .....	Laundress .....	320.00
*John Law .....	Laborer .....	420.00
Laotin Bradley .....	Janitor .....	780.00
*Byron E. Stall .....	Janitor .....	247.50
*Frank Corrao .....	Laborer .....	312.50
John Conger .....	Janitor .....	324.48
*James L. Stainbrook .....	Laborer .....	260.00
*Andrew Armstrong .....	Laborer .....	260.00
*Eli Sherwood .....	Painter .....	240.00
J. Marchezo .....	Laborer .....	125.00
*Edward Lofton .....	Janitor .....	195.00
*Ernest Ford .....	Janitor .....	120.00
*E. E. Ames .....	Janitor .....	120.00
*C. A. Hoppler .....	Janitor .....	160.00
*Thomas Howard .....	Laborer .....	125.00
*Margaret Hessinger .....	Janitress .....	80.00
*Lena Gheen .....	Janitress .....	40.00
E. Blesch .....	Laborer .....	65.00
*J. W. Connelly .....	Night Watchman .....	75.00
*Mrs. Lola Hockenberry .....	Janitress .....	40.00
D. M. Fyfe .....	Superintendent of Live Stock .....	1,400.00
Ben S. Snide .....	Assistant and Herdsman .....	1,080.00
*Thomas Dickey .....	Poultryman .....	331.73
Robert Watson .....	Groom .....	870.00
George Taylor .....	Herdsman .....	850.00
Wm. Franklin .....	Shepherd .....	850.00
Cecil Bayes .....	Laborer .....	825.00
Dan Swisher .....	Herdsman .....	695.00
L. H. Myer .....	Teamster .....	695.00
V. G. Lindamood .....	Pavilion Groom .....	695.00
*S. J. Green .....	Laborer .....	165.00
*Chas. Carter .....	Laborer .....	11.67
*Per Lee McCague .....	Laborer .....	330.00
George H. Young .....	Laborer .....	545.19
Paul Haag .....	Laborer .....	210.00
Mrs. James Merrih .....	Janitress .....	360.00
Allie F. Harness .....	Assistant Clerk .....	780.00
Jessie Harrod .....	Superintendent of Hospital .....	900.00
Alice Taylor .....	Stenographer .....	600.00
*Mabel Romick .....	Clerk .....	198.85
Mrs. Lydia Hinderer .....	Cook .....	780.00
*Mrs. Anna Dixon .....	Cook Assistant .....	43.32
*Helen Moore .....	Waitress .....	21.66
*Marion Cramer .....	Orderly .....	50.00
Mrs. Ruth Nimocks .....	Housekeeper .....	312.00
*Mrs. Maria Humphreys .....	Seamstress .....	220.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Clara Wagoner .....	Waitress .....	54.75
*Madaline Morgan .....	Kitchen Helper .....	44.29
*Mrs. Mary Morgan .....	Kitchen Helper .....	66.85
*Laura McMillen .....	Waitress .....	37.15
*Helen Lenox .....	Clerk .....	332.69
*Eva Biggam .....	Maid .....	131.42
*Ruth Townsend .....	Maid .....	169.99
*Mrs. E. Peake .....	Kitchen Help .....	90.85
*Morris Gans .....	Orderly .....	125.00
R. W. Hodgson .....	Compositor—Journalism Printing .....	1,378.00
A. Zierhut .....	Pressman—Journalism Printing .....	1,066.00
Sue K. Brown .....	Feeder and Binder—Journalism Printing .....	545.94
William Christ .....	Apprentice—Journalism Printing .....	754.00
Clara L. Baker .....	Bookkeeper—Journalism Printing .....	900.00
Charles DeKalb .....	Printer—Journalism Printing .....	1,243.50
Clyde Barnhouse .....	Apprentice—Journalism Printing .....	111.93
F. E. Jones .....	Receiving Clerk .....	2,000.00
Chester McClintock .....	Storekeeper and Laby. Supply Clerk... ..	1,360.00
H. W. Miller .....	1st Assistant Storekeeper .....	1,020.00
G. C. Hayman .....	2nd Assistant Storekeeper .....	870.00
Elizabeth Palmer .....	Clerk and Stenographer .....	660.00
James Lawson .....	Checking Clerk .....	900.00
Earl Conway .....	Stock Clerk .....	900.00
J. R. Reamy .....	Deliveryman .....	840.00
Blanch Sullivan .....	Clerk and Stenographer .....	900.00
Mabel Clum (Mrs.) .....	Clerk and Typist .....	780.00
C. G. Huffman .....	Laborer .....	660.00
C. S. Wheeler .....	Director—Agricultural Extension .....	3,600.00
J. E. McClintock .....	Supervisor Publications and Correspondence Courses .....	3,200.00
O. M. Johnson .....	County Agent Leader .....	2,900.00
F. L. Allen .....	Supervisor Farmers' Institutes and Extension Schools .....	2,500.00
W. H. Palmer .....	State Leader Boys' and Girls' Club Work .....	2,600.00
G. N. Dagger .....	Farm Management Demonstrator .....	2,000.00
Edna M. White .....	Supervisor Extension Work—Home Economics .....	1,000.00
Oscar Erf .....	Supervisor Extension Work in Dairying .....	500.00
Ivan McKellip .....	Dairy Field Agent .....	2,200.00
George B. Crane .....	Secretary .....	2,000.00
Frank Dean .....	Assistant Supervisor of Publications... ..	2,000.00
A. E. Anderson .....	Assistant County Agent Leader .....	2,750.00
Ray Rife .....	Assistant State Leader Boys' and Girls' Club Work .....	2,000.00
L. P. Beechey .....	Assistant Professor of Veterinary Medicine .....	2,400.00
M. A. Bachtell .....	Assistant Professor of Soils .....	2,400.00
J. F. Barker .....	Professor of Soils .....	2,750.00
R. B. Cruickshank .....	Assistant Professor of Horticulture... ..	2,400.00
W. E. Hanger .....	Assistant Professor of Farm Crops... ..	2,200.00
H. E. Eswine .....	Instructor in Agricultural Education... ..	1,600.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Virgil Overholt .....	Assistant Professor Agricultural Engineering .....	1,800.00
R. C. Miller .....	Instructor in Agricultural Engineering .....	1,400.00
F. H. Beach .....	Instructor in Horticulture .....	1,700.00
*Milligan C. Kilpatrick .....	Specialist Poultry Husbandry .....	850.00
John W. Wuichet .....	Assistant Professor Animal Husbandry .....	2,000.00
D. D. Hughes .....	Assistant Farm Management Demonstrator .....	1,300.00
*Howard Call .....	Movable Schools (Six Months) .....	960.00
*J. I. Falconer .....	Demonstrator Farm Management (Two Months) .....	400.00
*J. R. Allgyer .....	Local Leader—Clark County .....	450.00
*W. D. Axtell .....	Dairy Field Man .....	816.62
*Mrs. Ethel M. Cadley .....	Assistant .....	900.00
Roda E. Dick .....	Assistant Supervisor—Home Economics Extension .....	1,700.00
Treva Kaufman .....	Instructor in Home Economics .....	1,500.00
Maud Okey .....	State Home Demonstration Agent .....	1,500.00
Florence Willison .....	Instructor in Home Economics .....	1,320.00
Nan Sharples .....	Instructor in Home Economics .....	550.00
Hulda Horst .....	Instructor in Home Economics .....	1,260.00
Mary Graber .....	Instructor in Home Economics .....	1,260.00
Jessie Whittaker .....	Instructor in Home Economics .....	1,260.00
Charlotte Johnson .....	Instructor in Home Economics .....	570.00
Lena Bumpas .....	Instructor in Home Economics .....	1,400.00
M. H. Barter .....	County Agent .....	2,000.00
E. A. Brennehan .....	County Agent .....	2,400.00
R. F. Donnan .....	County Agent .....	2,000.00
G. R. Eastwood .....	County Agent .....	2,000.00
T. B. Foster .....	County Agent .....	2,000.00
Paul Gerbaugh .....	County Agent .....	2,400.00
A. W. Hayes .....	County Agent .....	2,400.00
J. C. Hedge .....	County Agent .....	2,000.00
E. G. Hibbs .....	County Agent .....	2,000.00
H. A. Lehman .....	County Agent .....	1,900.00
C. L. Long .....	County Agent .....	1,900.00
R. D. Long .....	County Agent .....	2,200.00
W. E. McCoy .....	County Agent .....	2,400.00
C. A. Mahan .....	County Agent .....	2,400.00
C. R. Shumway .....	County Agent .....	2,000.00
E. C. Richey .....	County Agent .....	2,200.00
E. C. Sleeth .....	County Agent .....	1,800.00
A. G. Smith .....	County Agent .....	2,000.00
S. B. Stowe .....	County Agent .....	2,000.00
A. G. Swift .....	County Agent .....	2,000.00
M. C. Thomas .....	County Agent .....	2,500.00
D. R. VanAtta .....	County Agents .....	2,400.00
W. R. Wheelock .....	County Agents .....	1,900.00
Floyd De Lashmutt .....	County Agent .....	2,200.00
Walter F. Gahn .....	Asst. County Agent .....	1,600.00
Ruth E. Bryant .....	Instructor Home Economics .....	1,560.00
H. L. Andrews .....	Assistant County Agent .....	1,800.00
Julia Smith .....	Instructor Home Economics .....	1,200.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Olga Elfritz .....	Instructor Home Economics .....	1,200.00
Norwood Glines .....	Assistant County Agent .....	1,500.00
L. L. Mowla .....	County Agent .....	2,000.00
Raymond E. Shook .....	Assistant County Agent .....	1,500.00
Arthur A. Olsen .....	Assistant County Agent .....	1,400.00
J. A. Bond .....	Janitor .....	780.00
E. N. Fergus .....	Chemist ( $\frac{1}{2}$ Time) .....	720.00
Blair Adams .....	Assistant ( $\frac{1}{2}$ Time) .....	420.00
Hannah Jones .....	Secretary Farmers' Institutes .....	1,200.00
*Elizabeth Hopkins .....	Stenographer .....	420.00
Helen Davis .....	Stenographer .....	840.00
*Margaret McMillen .....	Stenographer .....	525.00
Martha Beach .....	Stenographer .....	720.00
Blanch Wilson .....	Stenographer .....	840.00
*Marie Mather .....	Stenographer .....	577.50
Lucille Taylor .....	Stenographer .....	660.00
*Edith Ray .....	Stenographer .....	110.00
Gertrude Klein .....	Stenographer .....	600.00
Carie Beach .....	Stenographer .....	600.00
*Lucile Hastings .....	Stenographer .....	200.00
Agnes Jordan .....	Stenographer .....	600.00
Estella J. Bryne .....	Stenographer .....	900.00
Virginia Given .....	Stenographer ( $\frac{1}{2}$ Time) .....	300.00
Marie Hoffman .....	Stenographer ( $\frac{1}{2}$ Time) .....	300.00
Orleta Ansel .....	Stenographer ( $\frac{1}{2}$ Time) .....	300.00
Frances Smith .....	Stenographer .....	600.00
Mary E. Clark .....	Stenographer .....	600.00
Catherine Ready .....	Stenographer—Clerk .....	840.00
Mary Baker .....	Stenographer .....	600.00
Mary Yeager .....	Stenographer .....	360.00
Jessie Haible .....	Stenographer .....	780.00
Ethel Huber .....	Stenographer ( $\frac{1}{2}$ Time) .....	300.00
Cecilia Ryan .....	Stenographer ( $\frac{1}{2}$ Time) .....	300.00
Lulu Billman .....	Home Demonstration Agent .....	1,680.00
Helen Mouger .....	Home Demonstration Agent .....	1,200.00
Amy Parker .....	Home Demonstration Agent .....	1,500.00
Clara May Hall .....	Home Demonstration Agent .....	1,440.00
Burrell B. Spohn .....	Assistant State Leader Boys' and Girls' Club Work .....	1,700.00
E. K. Emslie .....	Photographer .....	1,600.00
Ruth A. Bach .....	Home Demonstration Agent .....	1,440.00
Mary Elliott .....	Home Demonstration Agent .....	1,920.00
Martha Jones .....	Home Demonstration Agent .....	1,600.00
Mary L. Holmes .....	Home Demonstration Agent .....	1,440.00
Elsa P. Page .....	Home Demonstration Agent .....	1,500.00
Florence Nesbitt .....	Home Demonstration Agent .....	2,500.00
Alice Swisher .....	Home Demonstration Agent .....	1,680.00
Mrs. Blanch Bowers .....	Home Demonstration Agent .....	1,440.00
Mary I. Brown .....	Home Demonstration Agent .....	1,440.00
R. F. Taber .....	Farm Management Demonstrator .....	2,000.00
Kathleen Kent .....	Home Demonstration Agent .....	1,320.00
Ralph W. Munger .....	County Agricultural Agent .....	1,900.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
D. G. Swanger .....	County Agricultural Agent .....	1,500.00
Frank Copper .....	County Agricultural Agent .....	1,800.00
Herbert Eichhorn .....	County Agricultural Agent .....	1,400.00
Sherman L. Anderson .....	County Agricultural Agent .....	1,800.00
Milo B. Jimison .....	County Agricultural Agent .....	1,800.00
Ray A. Cane .....	County Agricultural Agent .....	2,000.00
O. D. Smith .....	County Agricultural Agent .....	1,600.00
H. J. Ridge .....	County Agricultural Agent .....	1,800.00
Myron D. Miller .....	County Agricultural Agent .....	2,000.00
Carl G. Fieldner .....	County Agricultural Agent .....	2,100.00
W. J. Hendrix .....	County Agricultural Agent .....	2,200.00
Schuyler M. Salisbury .....	County Agricultural Agent .....	2,400.00
T. H. Parks .....	Assistant Professor of Zoology .....	2,600.00

PROFESSORS AND OTHER INSTRUCTORS WHO  
RECEIVE NO COMPENSATION

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
E. R. Allen .....	Professor of Soils	
C. G. Williams .....	Professor of Farm Crops	
Thomas H. Haines .....	Professor of Medicine (On leave)	
John Edwin Brown .....	Professor of Oto-Laryngology	
Andrew Timberman .....	Professor of Ophthalmology	



## APPENDIX IV

## THE WORK OF INSTRUCTORS 1917-1918

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>AGRICULTURAL CHEMISTRY AND SOILS</b>						
General Agricultural Chemistry .....	103	5	120	123	4	85
Household Chemistry .....	124	4	51	108	3	2
Dairy Chemistry .....	107	3	4	108	3	2
Chemistry of Animal Nutrition .....	111	.....	.....	112	.....	.....
Chemistry of Insecticides and Fungicides .....	113	.....	.....	.....	.....	.....
Plant Chemistry .....	.....	.....	.....	114	.....	.....
Food Inspection and Analysis .....	121	3	7	122	3	8
Chemistry of Food and Nutrition .....	125	4	10	126	4	8
Research .....	201	5-10	3	202	5-10	4
Application of Chemistry to Agriculture .....	51	4	40	52	4	35
Elementary Soils .....	.....	.....	.....	152	5	80
Soil Fertility .....	153	2	30	154	2	20
Chemical Analysis of Soils .....	155	3	5	156	3	5
Origin and Classification of Soils .....	157	3	12	.....	.....	.....
Soil Physics .....	.....	.....	.....	158	3	.....
Soil Literature .....	159	1	2	160	1	3
Research in Soils .....	201	5-10	5	202	5-10	4
Soil Seminary .....	203	1	5	204	1	5
Elementary Soils .....	53	3	30	54	3	25
<b>AGRICULTURAL ENGINEERING FOUR-YEAR COURSE</b>						
General Course .....	104	4	56	101	4	41
Farm Structures .....	103	3	8	.....	.....	.....
Drainage .....	.....	.....	.....	106	3	23
Farm Power .....	107	3	24	.....	.....	.....
Concrete Construction .....	.....	.....	.....	108	3	6
Dairy Buildings .....	.....	.....	.....	114	2	5
Advanced Farm Machinery .....	.....	.....	.....	110	2	6
Special Problems .....	111	2-5	1	112	2-5	3
<b>THREE-YEAR COURSE</b>						
Farm Structures .....	51	4	28	51	4	35
Farm Machinery .....	52	4	34	.....	.....	.....
Farm Power .....	.....	.....	.....	54	4	23
Concrete Construction .....	53	3	16	.....	.....	.....
<b>EIGHT-WEEK COURSE</b>						
Farm Engineering .....	.....	.....	.....	.....	3	65
<b>AMERICAN HISTORY</b>						
History of United States (1763-1916)...	101	3	418	101	3	49
History of United States (1763-1916)...	102	3	23	102	3	292

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
AMERICAN HISTORY—Concluded						
The American Colonies .....	103	3	5	104	3	5
Formation of the Constitution .....	107	2	14	.....	.....	.....
Constitutional History of the United States .....	.....	.....	.....	108	2	17
Early Political Parties in the United States .....	109	2	21	.....	.....	.....
Political Parties in the United States .....	.....	.....	.....	110	2	17
American Diplomacy to the Close of the Civil War .....	113	3	5	.....	.....	.....
Problems of American Diplomacy Since the Civil War .....	.....	.....	.....	114	3	13
History of the Westward Movement .....	115	3	17	.....	.....	.....
Introduction to Historical Research .....	119	2	4	.....	.....	.....
Teaching of American History .....	121	2	17	.....	.....	.....
Recent American History .....	123	3	18	124	3	14
The History of Ohio .....	.....	.....	.....	128	2	5
Spanish-American Diplomacy .....	203	2	2	.....	.....	.....
Graduate Seminary .....	205	2	4	206	2	5
ANATOMY						
Comparative Anatomy of the Vertebrates .....	101	3-5	9	.....	.....	.....
Comparative Anatomy of the Vertebrates .....	.....	.....	.....	102	3-5	9
Vertebral Embryology .....	103	3-5	9	104	3-5	9
Vertebral Embryology .....	.....	.....	.....	.....	.....	.....
Comparative Neurology .....	109	3-5	2	110	3-5	2
Comparative Neurology .....	.....	.....	.....	122	6	64
Human Anatomy .....	121	6	64	.....	.....	.....
Human Anatomy .....	125	6	24	126	4	24
Applied Human Anatomy .....	127	3	31	.....	.....	.....
Applied Human Anatomy .....	131	3	24	.....	.....	.....
Histology and Embryology .....	133	6	64	134	4	50
Neurology .....	.....	.....	.....	136	4	50
Histology and Embryology .....	139	3	24	140	3	24
The Eye .....	145	9	2	.....	.....	.....
Histology .....	143	5	18	142	4	18
Embryology .....	.....	.....	.....	.....	.....	.....
Com. Anatomy of Vert. Premedical .....	.....	.....	.....	102	3-5	120
Summer Courses .....	.....	.....	30	.....	.....	.....
ANIMAL HUSBANDRY						
Types and Classes of Cattle and Sheep ..	101	4	84	.....	.....	.....
Types and Classes of Horses and Swine ..	.....	.....	.....	102	4	53
Breeds of Horses and Sheep .....	103	4	40	.....	.....	.....



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
ANIMAL HUSBANDRY—Concluded						
Breeds of Cattle and Swine .....				104	4	19
Feeding Animals .....	105	3	79			
Principles of Breeding .....				106	4	21
Animal Conformation and Stock Judging .....	107	4	19			
Live Stock Management .....				108	4	8
Horse Training, Harness and Vehicles .....	109	2	12			
Meats and Meat Products .....				110	4	7
Live Stock Marketing and Commerce .....	112	3	18			
Dairy Cattle .....				116	4	8
Poultry Husbandry .....	117	3	5			
Poultry Husbandry .....				118	3	3
Poultry Management .....	119	2	3			
Poultry Culture .....				121	1	9
Types and Breeds of Live Stock .....				132	3	16
Types and Breeds of Live Stock .....	51	4	66			
Types and Breeds of Live Stock .....				52	4	54
Dairy Cattle .....	53	4	7			
Feeding .....				54	4	33
Breeding Live Stock .....				56	4	19
Live Stock Management .....	57	4	21			
Poultry Husbandry .....	59	3	9			
Poultry Husbandry .....				60	3	5
ARCHITECTURE						
Photography .....	111	2	26	111	2	28
Architectural Composition .....	113	2	16			
Senior Design .....				114	3	10
Senior Design .....	115	5	13			
Professional Practice .....				116	4	11
Sanitary Plumbing .....	117	1	11			
Thesis .....				118	5	8
Masonry .....	119	2	12			
Fire Protection .....				123	2	11
Shades, Shadows and Perspective .....				124	3	17
Water Color Rendering .....	125	2	13			
Elements of Architecture .....	131	2	26	132	2	21
History of Architecture .....	133	3	24	134	3	17
History of Architecture .....	135	2	8	136	2	7
Sophomore Design .....	141	5	12	142	5	10
Junior Design .....	143	5	9	144	5	8
Wood Construction .....				150	5	8
Graduate Work .....	201	5	1	202	5	1
Graduate Work .....	203	3	1	204	3	1
ASTRONOMY						
General Astronomy (101)—2 sections...	101	3	47	102	3	31
Astronomy, Geodesy and Least Squares.	104	3	25	105	3	15

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
FINE ARTS						
Elementary Drawing .....	131	2	139	131	2	30
Elementary Drawing (Con't) .....	132	2	27	132	2	7
Advanced Drawing .....	133	2	29	133	2	3
Illustrative Drawing .....	135	4	4	.....	.....	.....
Water Color Painting .....	136	2	2	136	2	13
Advanced Water Color Painting .....	137	3	1	137	3	1
Oil Painting .....	138	3	1	138	3	1
Advanced Oil Painting .....	139	3	1	139	3	2
Elementary Design .....	141	2	18	141	2	104
Advanced Design .....	142	3	5	142	3	3
Specialized Design .....	.....	.....	.....	143	3	6
Commercial Design .....	.....	.....	.....	144	3	7
Thesis Work Design .....	.....	.....	.....	145	3	4
History of Classic Art .....	151	3	13	.....	.....	.....
History of Medieval Art .....	.....	.....	.....	152	3	11
History of Renaissance and Modern Art .....	153	3	3	.....	.....	.....
Theory and Practice of Teaching Art .....	117	3	6	.....	.....	.....
Appreciation of Art .....	119	1	119	119	1	109
Costume Design .....	121	2	22	121	2	10
Art of China and Japan .....	157	3	2	.....	.....	.....
BACTERIOLOGY						
General Bacteriology—Short Agricultural Course .....	51	4	7	.....	.....	.....
General Bacteriology—General Courses .....	107	4	124	.....	.....	.....
Immunity and Serum Therapy .....	117	2-5	24	.....	.....	.....
Pathogenic Protozoa .....	119	2-5	4	.....	.....	.....
Special Problems in Bacteriology .....	125	3-5	6	.....	.....	.....
General Bacteriology for Veterinary Students .....	131	4	13	.....	.....	.....
Medical Bacteriology .....	141	6	25	.....	.....	.....
Bacteriology for Pharmacy Student .....	.....	.....	.....	102	2	8
Pathogenic Bacteriology .....	.....	.....	.....	108	2-5	35
Dairy Bacteriology .....	.....	.....	.....	110	2-5	7
Soil Bacteriology .....	.....	.....	.....	112	2-5	6
Water Examination, Sewage Disposal, Filtration .....	.....	.....	.....	114	2-5	15
Bacteriological Chemistry .....	.....	.....	.....	116	2-5	5
Immunity and Serum Therapy .....	.....	.....	.....	118	2-5	19
Special Problems in Bacteriology .....	.....	.....	.....	126	3-5	6
Veterinary Pathogenic Bacteriology .....	.....	.....	.....	132	4	20
Dental Bacteriology .....	.....	.....	.....	150	4	38
BOTANY						
General Botany .....	101	4	236	.....	.....	.....
Plant Histology .....	107	2	3	.....	.....	.....



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>BOTANY—Concluded</b>						
General Dendrology .....	110	2	5	.....	.....	.....
Plant Ecology .....	117	3	5	.....	.....	.....
Plant Genetics .....	121	3	1	.....	.....	.....
Plant Physiology .....	125	4	18	.....	.....	.....
General Plant Pathology .....	127	4	7	.....	.....	.....
Cytology and Microtechnique .....	131	3-5	2	.....	.....	.....
Minor Investigations .....	133	3-5	5	.....	.....	.....
Research in Physiology and Ecology .....	205	4-10	4	.....	.....	.....
Research in Mycology and Plant Pathology .....	207	3-10	3	.....	.....	.....
Elementary Plant Pathology .....	91	4	5	.....	.....	.....
General Botany .....	.....	.....	.....	102	4	202
Wood Structure .....	.....	.....	.....	146	2	2
Plant Pathology .....	.....	.....	.....	116	3	20
Plant Ecology .....	.....	.....	.....	118	3	3
General Plant Pathology .....	.....	.....	.....	128	4	6
Minor Investigations .....	.....	.....	.....	134	3-5	5
Evolution of Plants .....	.....	.....	.....	136	1	1
Research in Physiology and Ecology .....	.....	.....	.....	206	4-10	2
Research in Mycology and Plant Pathology .....	.....	.....	.....	208	3-10	5
Plant Physiology .....	.....	.....	.....	126	4	15
<b>CERAMIC ENGINEERING</b>						
Ceramic Chemistry .....	101	4	10	102	4	10
Ceramic Calculations .....	105	2	16	.....	.....	.....
Physical and Chemical Measurements of Clays .....	.....	.....	.....	108	3	14
Laboratory Work in Ceramics .....	111	5	13	112	5	9
Ceramic Designing .....	113	5	12	114	5	9
Laboratory Work in Ceramics .....	115	2	0	126	5	0
Thesis .....	.....	.....	.....	116	4	9
Cement Manufacture .....	.....	.....	.....	118	5	0
Dryer and Kiln Design .....	.....	.....	.....	122	4	0
Origin, Constitution and Properties of Clays .....	141	3	20	.....	.....	.....
Mining, Preparation and Forming of Clay into Ware .....	.....	.....	.....	142	3	12
Drying and Burning of Clay Wares .....	143	3	17	.....	.....	.....
Glazing and Decoration of Clay Wares .....	.....	.....	.....	144	3	14
<b>CHEMISTRY</b>						
Elementary Chemistry .....	101	4	5	102	4	5
Elementary Chemistry and Qualitative Analysis .....	105	4	400	106	4	370
General Chemistry .....	109	4	400	110	4	350

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>CHEMISTRY—Concluded</b>						
Advanced General Chemistry .....	113	2	116	114	2	76
Qualitative Analysis .....	117	3	15	.....	.....	.....
Quantitative Analysis .....	119	3	113	120	4	86
Quantitative Analysis .....	121	4	10	.....	.....	.....
Chemical Problems .....	.....	.....	.....	124	1	76
Organic Chemistry .....	127	4	91	.....	.....	.....
Teaching of Chemistry .....	.....	.....	.....	132	2	3
Reading of Chemical Literature .....	.....	.....	.....	136	2	20
Thesis .....	.....	.....	.....	140	4	11
.....	.....	2, 4	.....	.....	.....	.....
Medical Chemistry .....	150	or 5	160	.....	.....	.....
Organic Chemistry .....	151	2	52	152	2	51
Organic Chemistry .....	153	2 or 3	50	154	2 or 3	25
Quantitative Organic Analysis .....	155	2	5	156	2	5
Physical Chemistry .....	157	3	22	158	3	23
Physical Chemistry .....	159	3	21	.....	.....	.....
Physical Chemistry .....	161	2 or 3	6	161	2 or 3	2
Quantitative Analysis .....	165	2	18	.....	.....	.....
Qualitative Analysis .....	.....	.....	.....	168	3-5	36
Water Analysis .....	.....	.....	.....	176	3	23
Industrial Chemistry .....	177	2	30	178	1	22
Industrial Inspection Trip .....	.....	.....	.....	182	1	17
Industrial Chemistry .....	185	2	22	186	3	19
Inorganic Preparations .....	187	3	11	187	3	8
Applied Electro-Chemistry .....	.....	.....	.....	194	2	8
Physical Chemistry .....	201	3	2	202	3	1
Organic Chemistry .....	205	2-3	8	206	2-3	7
Seminary in Organic Chemistry .....	217	2	5	.....	.....	.....
Seminary in Physical Chemistry .....	.....	.....	.....	224	2	6
Seminary in Advanced Industrial Chemistry .....	225	2	2	226	2	4
Research Work .....	235	5-10	10	236	5-10	10
Special .....	.....	3-5	5	.....	.....	.....
<b>CIVIL ENGINEERING</b>						
Land Surveying .....	101	4	40	.....	.....	.....
Field Practice .....	101a	1	37	.....	.....	.....
Topographic Drawing .....	103	2	36	.....	.....	.....
Summer Surveying Camp (104 & 111) .....	.....	4	4	.....	.....	.....
Topographic Surveying .....	105	3	22	.....	.....	.....
Applied Descriptive Geometry .....	107	2	23	.....	.....	.....
Sanitary Engineering .....	109	3	24	.....	.....	.....
Bridge Design .....	113	4	15	.....	.....	.....
Masonry Construction .....	115	3	17	.....	.....	.....
Thesis .....	119	1	5	.....	.....	.....
Trusses .....	124	3	15	.....	.....	.....
Tall Buildings .....	125	3	27	.....	.....	.....
Surveying .....	131	5	4	.....	.....	.....



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
CIVIL ENGINEERING—Concluded						
Sanitation, Drainage, Water Supply....	133	1	3	.....	.....	.....
Cement and Concrete .....	130	2	10	.....	.....	.....
Municipal Engineering .....	139	3	2	.....	.....	.....
Railway Maintenance .....	141	3	9	.....	.....	.....
Land Surveying (trailer section) .....	.....	.....	.....	101	4	5
Railroad Surveying .....	.....	.....	.....	102	4	31
Field Practice .....	.....	.....	.....	102a	1	30
Roads and Pavements .....	.....	.....	.....	106	3	23
Timber Construction .....	.....	.....	.....	108	3	17
Stresses in Structures .....	.....	.....	.....	110	4	21
Railway Location .....	.....	.....	.....	112	4	4
Advanced Bridge Design .....	.....	.....	.....	114	4	13
Masonry Structures and Contracts.....	.....	.....	.....	116	3	13
Water Supply .....	.....	.....	.....	117	3	17
Cement and Concrete .....	.....	.....	.....	118	3	19
Thesis .....	.....	.....	.....	122	3	15
Trusses .....	.....	.....	.....	124	3	25
Timber and Masonry .....	.....	.....	.....	126	2	15
Plane Surveying .....	.....	.....	.....	128	2	55
Reinforced Concrete Design .....	.....	.....	.....	129	3	19
Engineering Reports .....	.....	.....	.....	138	1	9
Sanitary and Water Supply Design.....	.....	.....	.....	140	3	4
Railway Yards and Terminals .....	.....	.....	.....	204	5	1
Concerte Structural Design .....	.....	.....	.....	210	5	2
DAIRYING						
Principles of Dairying .....	101	4	62	101	4	15
Farm Dairying .....	.....	.....	.....	102	4	17
City Milk Supply .....	103	2	2	104	2	8
Buttermaking .....	105	4	5	105	4	1
Cheesemaking .....	107	3	6	107	3	2
Ice-Cream Making .....	110	2	3	.....	.....	.....
Dairy Mechanics .....	111	2	5	.....	.....	.....
Advanced Dairying .....	113	2	12	114	2	5
Dairy Buildings .....	115	2	7	.....	.....	.....
Milk Condensing .....	.....	.....	.....	116	2	11
Proseminary .....	119	1	3	120	1	4
Elementary Dairying .....	52	3	38	52	3	24
Dairy Production and Manufacturing...	53	3	0	53	3	33
Farm Cheesemaking .....	55	3	4	.....	.....	.....
Farm Buttermaking .....	56	3	4	.....	.....	.....
Dairy Farm Management .....	57	3	6	.....	.....	.....
Dairy Farm Management .....	58	3	8	.....	.....	.....
DENTISTRY						
Freshman Prosthetic Dentistry (Prosthesis) .....	101	4	25	102	4	22

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
DENTISTRY—Concluded						
Dental Anatomy and Technic (Operative Dentistry) .....				145	2	22
Dental Anatomy Technic (Operative Dentistry) .....	148	1	27			
Operative Technic (Operative Dentistry) .....	109	1	27	110	1	27
Dental Metallurgy (Prosthesis) .....	132	1	27			
Soph. Prosthetic Dentistry (Prosthesis) .....	103	3	27	104	3	27
Junior Dental Medicine (Operative Dentistry) .....	131	1	11	132	2	14
Oxal Hygiene (Operative Dentistry) ...	135	3	12			
Operative Principles, Practice and Exodontia (Operative Dentistry) ....	125	3	11			
Operative Principles, Practice and X-Ray (Operative Dentistry) .....				126	3	14
Crown and Bridge Work (Prosthesis)...	107	3	10			
Crown and Bridge Principles, Technic and Practice (Prosthesis) .....				112	3	14
Prosthetic Dentistry Practice (Prosthesis) .....	117	2	11	118	2	14
Orthodontia Principles and Technic (Operative Dentistry) .....				118	2	14
Porcelain Technic (Operative Dentistry) .....				124	1	13
Anesthetics (Operative Dentistry) ....	139	2	71	140	2	72
Ethics, Economics, Histology and Jurisprudence (Operative Dentistry) ....	141	1	72	142	1	72
Dental Medicine, Senior (Operative Dentistry) .....	133	2	72	134	2	72
Oral Surgery (Operative Dentistry) ...	137	2	71	138	2	72
Orthodontia Principles and Practice (Operative Dentistry) .....	121	2	72			
Orthodontia Practice (Operative Dentistry) .....				122	1	72
Operative Principles and Practice (Operative Dentistry) .....	127	5	72			
Operative Dentistry Practice (Operative Dentistry) .....				128	6	72
Crown and Bridge Practice (Prosthesis) .....	115	2	72	116	2	72
Prosthetic Dentistry Practice .....	119	2	72	120	2	69
ECONOMICS AND SOCIOLOGY						
<i>Economics</i>						
Principles of Economics .....	101	3	438	102	3	302
Principles of Economics .....	102	3	37	101	3	93
Factory Organization and Management..	107	3	14	108	3	14
Proseminary in Economics .....	145	2	3	146	2	3
Financial History of the United States..	147	2	9	148	2	8
Business Law .....	149	3	59	150	3	21
Economic and Social Statistics .....	177	2	7	178	2	6



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ECONOMICS AND SOCIOLOGY</b>						
<i>Economics—Continued</i>						
Economic History of the United States..	181	3	6	182	3	4
Marketing .....	185	3	22	186	3	11
Distribution of Wealth (Graduate).....	203	3	3	.....	.....	.....
Seminary in Economics .....	207	2	6	208	2	6
Research in Corporation and Labor.....	209	1-3	2	210	1-3	1
Research in Transportation and Public Utilities .....	211	1-3	2	212	1-3	1
Research in Banking and Finance.....	213	1-3	1	214	1-3	1
Research in Social and Economic Statistics .....	215	2	2	216	2	2
Geography and Resources of South America .....	103	2	13	.....	.....	.....
Public Utilities .....	105	2	35	.....	.....	.....
Principles of Salesmanship .....	109	3	19	.....	.....	.....
Women in Industry .....	119	3	7	.....	.....	.....
Economic and Social History of England and the United States .....	131	3	12	.....	.....	.....
Elements of Accounting .....	139	3	146	.....	.....	.....
Public Finance .....	141	2	33	.....	.....	.....
Banking and Foreign Exchange.....	154	3	25	.....	.....	.....
Life Insurance .....	157	2	4	.....	.....	.....
The Geography and History of Commerce	159	3	26	.....	.....	.....
International Commercial Policies .....	160	3	7	.....	.....	.....
Corporation Economics .....	163	3	51	.....	.....	.....
Labor Legislation .....	165	3	11	.....	.....	.....
Railway Economics .....	167	3	27	.....	.....	.....
The Theory of Business Enterprise.....	169	2	20	.....	.....	.....
Cost Accounting .....	172	3	15	.....	.....	.....
Stock Exchange and Investments .....	180	2	16	.....	.....	.....
Corporation Reports .....	189	2	19	.....	.....	.....
Conservation of Natural Resources.....	.....	.....	.....	104	2	20
Municipal Finance and Accounts .....	.....	.....	.....	106	2	10
The Household .....	.....	.....	.....	120	3	11
Economic Geography .....	.....	.....	.....	133	3	12
Elements of Accounting .....	.....	.....	.....	139	3	35
Problems of Taxation .....	.....	.....	.....	144	2	17
Business Law .....	.....	.....	.....	149	3	12
Money and the Medium of Exchange....	.....	.....	.....	153	3	19
Property Insurance .....	.....	.....	.....	158	2	15
Exporting and Importing .....	.....	.....	.....	162	3	13
Railway Organization and Administration .....	.....	.....	.....	168	3	21
Principles of Accounting .....	.....	.....	.....	171	3	82
Accounting Practice .....	.....	.....	.....	173	3	13
Auditing .....	.....	.....	.....	174	3	18
Principles of Advertising .....	.....	.....	.....	175	3	21
Industrial Combinations and Monopolies	.....	.....	.....	183	3	19

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ECONOMICS AND SOCIOLOGY</b>						
<i>Economics—Concluded</i>						
Geography and Commerce of the United States .....				184	3	22
Traffic Management and Rate Making.....				188	2	6
Bank Accounting and Auditing .....				190	2	14
<i>Sociology</i>						
Principles of Sociology .....	101	3	289	102	3	228
Principles of Sociology .....	102	3	26	101	3	40
Field Work in Sociology .....	115	4	5	116	4	6
Seminary in Sociology (Graduate) .....	207	2	3	208	2	2
The Negro .....	105	3	7			
The Family .....	107	3	16			
Evolution of Modern Charity .....	109	4	8			
Poverty .....	111	3	6			
Anthropology .....	123	3	8			
Social Order and Social Control.....	125	3	12			
Leisure and Recreation .....	127	3	16			
The Criminal .....	131	3	15			
The Immigrant .....				104	3	9
Primitive Man in Ohio .....				108	1	6
Preventive Philanthropy .....				112	4	8
Ethnology .....				124	3	7
Social Progress .....				126	3	10
Social Organization and Administration of Recreation Facilities .....				128	3	14
Penology .....				132	3	7
<b>ELECTRICAL ENGINEERING</b>						
Electrical Engineering .....	101	5	28			
Electrical Engineering .....	103	3	5			
Electrical Engineering (Second Semester) .....				103	1	3
Alternating Current Machinery .....	109	3	19			
Alternating Current Laboratory .....	111	3	18			
Electric Railways .....	113	2	10			
Telephony .....	115	2	6			
Electrical Illumination .....	117	2	10			
Electrical Illumination (Special—Second Semester) .....				117	2	14
Wireless Telegraphy .....	119	2	3			
Electrical Design .....	121	3	19			
Special Reading and Laboratory.....	125	2	1			
Special Reading—(Illumination) .....	125b	1	1			
Thesis .....	127	1	10			



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ELECTRICAL ENGINEERING—</b>						
Concluded						
Advanced Alternating Current Machinery .....				202	2	1
Research Work .....	207	5	1			
Direct Current Machinery .....				104	5	29
Applications of Electricity .....				106	1.5	29
Alternating Currents and Machinery....				108	1.5	29
Advanced Alternating Current Laboratory .....				112	3	13
Electrical Transmission and Distribution .....				124	3	14
Special Transmission .....				126	2	1
Thesis .....				128	5	6
Advanced Laboratory .....				138	2	1
Radio Communication .....				Special	10	13
<b>ENGINEERING DRAWING</b>						
Elementary Mechanical Drawing .....	101	2	406	101	2	21
Mechanical Drawing .....	102	3	18	102	3	322
Descriptive Geometry (M. E. and E. E.) .....	103	3	157			
Descriptive Geometry (C. E.) .....	105	3	34			
Descriptive Geometry (Arch.) .....	107	3	19			
Machine Drawing .....				104	3	111
Advanced Descriptive Geometry .....				106	3	34
Technical Drawing (E. E.) .....				110	2	44
Technical Drawing (M. E. and E. E.) ...	111	2	64			
Technical Drawing .....	121	2	26	122	2	21
Mechanical Drawing (Agr.) .....	125	2	107	125	2	52
Mechanical Drawing (Home Ec.) .....	127	1½	52	128	1½	47
Elementary Drawing (Phar.) .....	129	1	2			
Free-hand Lettering and Technical Sketching .....				130	2	2
Drawing for Manual Arts Teachers....	139	4	3	140	3	3
The Teaching of Mechanical Drawing...	131	3	3	132	3	2
<b>ENGLISH</b>						
Paragraph Writing: Description and Narration .....	101	2	1154	101	2	102
Paragraph Writing: Exposition and Argumentation .....	104	2	98	104	2	947
Descriptive and Narrative Writing .....	105	2	23			
Expository Writing .....				106	2	18
Advanced Composition .....	107	2	41	108	2	34
Essays in Biography .....				109	2	7
Essays in Literary Criticism .....	110	2	8			
History of the English Language .....	127	2	73			
English Words .....				128	2	108
Introduction to American Literature....	133	3	160	133	3	125

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
ENGLISH—Concluded						
Nineteenth Century Prose .....	145	3	147	146	3	166
Nineteenth Century Poetry .....	141	3	164	142	3	198
Old English .....	151	3	7	.....	.....	.....
Old and Middle English .....	.....	.....	.....	152	3	4
The Novel: Richardson to Scott .....	155	3	24	.....	.....	.....
The Novel: Dickens to Meredith .....	.....	.....	.....	156	3	24
Versification .....	157	3	8	.....	.....	.....
The Short Story .....	.....	.....	.....	158	3	12
Eighteenth Century Poetry .....	.....	.....	.....	136	3	15
Dr. Johnson and His Circle .....	137	3	15	.....	.....	.....
Early Popular Drama .....	165	3	6	.....	.....	.....
The Drama from 1580 to 1642 .....	.....	.....	.....	166	3	4
Shakespeare: Histories and Tragedies ..	167	3	66	.....	.....	.....
Shakespeare: Comedies and Romances ..	.....	.....	.....	168	3	69
Modern English Drama, 1642 to 1800 .....	169	3	28	.....	.....	.....
Modern English Drama of the Nine- teenth Century .....	.....	.....	.....	170	3	40
History of the Short Narrative in Eng- lish .....	201	.....	6	.....	.....	.....
The Lyric .....	.....	.....	.....	202	.....	7
History of Critical Theory .....	205	.....	7	.....	.....	.....
Problems in the Drama .....	.....	.....	.....	206	.....	7
The Later Novel .....	207	.....	11	.....	.....	.....
English and Scottish Popular Ballads ..	209	.....	7	.....	.....	.....
The Later Poetry .....	208	.....	13	.....	.....	.....
The Celtic Renaissance .....	.....	.....	.....	212	.....	6
The Technique of the Modern Drama .....	213	.....	8	.....	.....	.....
The Technique of the Drama .....	.....	.....	.....	214	.....	3
Studies in the Eighteenth Century Lit- erature .....	217	.....	2	218	.....	1
Discussions of Dissertations .....	219	.....	7	220	.....	5
The Teaching of English .....	181	.....	41	.....	.....	.....
<i>Public Speaking</i>						
Public Speaking .....	101	2	171	.....	.....	.....
Advanced Argumentation and Debate ..	107	3	4	108	3	2
Masters of Public Address .....	121	2	2	.....	.....	.....
The Forms of Public Address .....	125	2	6	126	2	1
Debating .....	.....	.....	.....	102	2	76
Extempore Speaking .....	.....	.....	.....	114	2	7
EUROPEAN HISTORY						
Medieval History .....	101	3	325	.....	.....	.....
History of England .....	103	3	55	.....	.....	.....
History of Greece .....	105	3	16	.....	.....	.....
Medieval Civilization .....	107	2	9	.....	.....	.....



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
EUROPEAN HISTORY—Concluded						
The Age of the Renaissance, 1250 to 1500 A. D. ....	109	2	14	.....	.....	.....
Constitutional History of England ....	113	3	8	.....	.....	.....
Europe and Africa, India and Australia..	115	2	6	.....	.....	.....
History of Germany ....	119	2	27	.....	.....	.....
Europe from 1815 to 1918 ....	123	3	26	.....	.....	.....
History of the Church in Western Europe .....	125	2	13	.....	.....	.....
Medieval History ....	127	3	3	.....	.....	.....
Seminary in Modern European History..	203	2	3	.....	.....	.....
Modern History from 1500 A. D. ....	.....	.....	.....	102	3	349
History of England ....	.....	.....	.....	104	3	44
History of Rome ....	.....	.....	.....	106	3	20
Medieval Civilization ....	.....	.....	.....	108	2	8
The Period of the Reformation.....	.....	.....	.....	110	2	12
Constitutional History of England.....	.....	.....	.....	114	3	6
Europe and Turkey: The Eastern Question .....	.....	.....	.....	116	2	6
History of Germany ....	.....	.....	.....	120	2	36
Europe from 1715 to 1918.....	.....	.....	.....	124	3	25
History of the Church in Western Europe .....	.....	.....	.....	126	2	11
Modern History from 1500 A. D.....	.....	.....	.....	128	3	3
FARM CROPS						
Field Crop Production ....	101	4	40	101	4	26
Cereal Crops ....	109	3	10	.....	.....	.....
Forage Crops ....	.....	.....	.....	111	3	8
Plant Breeding ....	.....	.....	.....	113	3	4
Crop Production ....	51	4	39	52	4	27
Minor Investigations ....	119	2-4	4	120	2-4	4
Research ....	201	5-10	4	202	5-10	4
Seminary ....	203	1	2	204	1	1
8 Weeks Course ....	.....	.....	68	.....	.....	.....
Dairy Farm Crops (4 weeks course) .....	.....	.....	23	.....	.....	.....
GEOLOGY						
Economic Geology ....	167	3	10	170	3	4
Meteorology ....	.....	.....	.....	101	2	4
Inorganic Geology ....	103	3	27	.....	.....	.....
Historical Geology ....	.....	.....	.....	104	3	19
Physiography ....	101	3	234	102	3	168
Engineering Geology (Civil and Ceramics) .....	168	3	13	168	3	20
Petography ....	.....	.....	.....	166	2	1
Invertebrate Paleontology .....	107	3	3	108	3	3

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
GEOLOGY—Concluded						
Physiography Geology .....	116	3	3	.....	.....	.....
Minor Investigations .....	141b	2	1	142b	2	1
Advanced Historical Geology .....	201	3	4	202	3	3
Geology (Agriculture) .....	151	3	58	151	3	67
Field Geology .....	105	3	1	.....	.....	.....
Minor Investigations and Current Lit. ....	.....	.....	.....	142a	3	1
Engineering Geology (Mines) .....	163	3	4	.....	.....	.....
Minor Investigations and Current Lit. ....	.....	.....	.....	142c	3	3
GERMAN						
Elementary German .....	101	4	37	101	4	4
.....	102	4	20	102	4	28
Intermediate German .....	103	4	130	103	4	26
Easy Classical Reading and Composition .....	104	4	12	104	4	52
Science Reading .....	.....	.....	.....	106	4	109
Advanced German .....	107	4	21	108	4	20
Classical and Modern Writers .....	115	3	11	116	3	7
Schiller—Introduction to Life and Works .....	117	2	17	118	2	10
Nineteenth Century Drama .....	119	2	13	120	2	10
Conversation and Prose Composition ....	131	2	7	132	2	5
Conversation .....	133	2	9	134	2	5
Goethe—Introduction to Life and Works .....	151	2	12	152	2	9
Lessing—Introduction to Life and Works .....	155	2	12	156	2	8
Advanced Prose Composition .....	171	2	5	172	2	5
Teachers' Course .....	173	2	8	.....	.....	.....
Grammar Review .....	.....	.....	.....	174	2	5
Phonetics .....	175	2	18	.....	.....	.....
Interpretative Reading .....	.....	.....	.....	176	2	4
Advanced Middle High German .....	201	2	3	202	2	2
Experimental Phonetics .....	.....	.....	.....	214	2	2
Seminary .....	215	2	6	216	2	2
GREEK LANGUAGE AND LITERATURE						
Elementary Greek .....	101	4	2	.....	.....	.....
Plato .....	125	4	3	.....	.....	.....
Greek Art .....	115	2	4	.....	.....	.....
Life and Literature of the Greeks. ....	123	2	4	.....	.....	.....
HISTORY AND PHILOSOPHY OF EDUCATION						
History of Education .....	101	3	151	102	3	136
Educational Classics .....	105	2	4	106	2	3
History of Education in the United States .....	109	2	3	110	2	2



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>HISTORY AND PHILOSOPHY OF EDUCATION—Concluded</b>						
Comparative Education .....	107	2	2	108	2	2
Seminary in the History of Education...	201	2	2	202	2	2
<b>HOME ECONOMICS</b>						
Foods .....	101	5	146	102	5	.....
Sanitation .....	104	3	19	104	3	.....
Proseminary .....	105	2-5	36	106	2-5	.....
Teaching of Home Economics.....	.....	.....	.....	108	2	.....
Dietetics .....	.....	.....	.....	110	4	.....
Textiles .....	111	2	106	112	2	.....
Dress .....	113	3	14	113	3	.....
Dress .....	.....	.....	.....	116	3	.....
The House (House Decoration) .....	118	3	31	118	3	.....
The House (Household Management) ..	119	3	21	119	3	.....
Food Problems .....	121	3	5	.....	.....	.....
Practice Teaching in Home Economics..	123	2	13	124	2	.....
Survey Course (not given this year)....	125	3	.....	126	3	.....
<b>HOMEOPATHIC MEDICINE</b>						
General Surgery and Clinical Surgery..	101	2	10	.....	.....	.....
General Surgery and Clinical Surgery..	105	3	5	106	2	5
General Surgery and Clinical Surgery..	107	4	10	108	4	10
Materia Medica and Clinical Therapeutics .....	101	1	14	102	1	14
Materia Medica and Clinical Therapeutics .....	103	1	10	104	1	10
Materia Medica and Clinical Therapeutics .....	105	3	5	106	3	5
Materia Medica and Clinical Therapeutics .....	107	3	10	108	3	10
Materia Medica and Clinical Therapeutics .....	110	2	10	.....	.....	.....
Diseases of Women, Surgical Gynecology and Obstetrics .....	105	3	5	106	3	5
Diseases of Women, Surgical Gynecology and Obstetrics .....	107	4	10	108	4	10
Eye, Ear, Nose and Throat .....	105	2	5	106	2	5
Eye, Ear, Nose and Throat .....	107	4	10	108	4	10
Internal Medicine .....	105	4	5	106	4	5
Internal Medicine .....	107	4	10	108	4	10
Internal Medicine .....	115	2	5	116	2	5
Clinical Diagnosis and Clinical Microscopy .....	.....	.....	.....	102	2	10
Clinical Diagnosis and Clinical Microscopy .....	103	4	5	104	4	5

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>HOMOEOPATHIC MEDICINE—</b>						
Concluded						
Clinical Diagnosis and Clinical Microscopy .....	109	1	5	110	1	5
Clinical Diagnosis and Clinical Microscopy .....	111	1	10	112	1	10
Clinical Diagnosis .....	107	2	15	108	2	15
Disease of Nervous System .....	123	1	10	124	1	10
<b>HORTICULTURE</b>						
Pomology .....	105	4	9	106	4	5
Experimental Horticulture .....	109	3	10	110	3	5
Systematic Pomology .....	121	4	9	122	4	3
Farm Horticulture .....				118	4	53
Winter Course .....						46
Vegetable Gardening .....	103	4	8	104	4	6
Vegetable Gardening .....	55	4	11	56	4	9
Systematic Vegetable Gardening .....	131	4	4	132	4	3
By-Products .....	133	3	5			
Principles of Horticulture .....	101	4	23	120	4	20
Plant Variations .....	107	3	8			
The Flower Shop .....				143	3	1
Systematic Floriculture .....	147	3	1			
School Gardens .....				146	3	5
Principles of Horticulture .....	53	4	36	54	4	29
Plant Materials .....	151	2	4	152	2	5
Landscape Design .....	157	3	3	158	3	2
Landscape Design, Advanced .....	159	4	1	168	4	1
Civic Design .....	165	3	2			
History of Landscape Architecture .....	154	3	4			
Landscape Surveying .....	164	3	1	156	2	13
Special Problems .....	169	3	1			
Pro-Seminary .....				172	1	1
Advanced Plant Materials .....				166	4	2
Landscape Gardening .....				60	4	4
Horticultural Plant Forms .....	51	4	2	52	4	2
Introduction to Forestry .....	101	2	1			
Arboriculture .....				104	3	1
Silviculture .....	105	3	1			
Forest Finance .....				124	2	1
Forest Mensuration .....	107	4	1			
Forest Craft .....				112	2	2
Pro-Seminary .....	117	1	2			
Forest Economics .....	113	2	2			
Pro-Seminary .....	117	1	1			
Advanced Forestry .....				120	1	1
Lumbering .....	121	3	2			



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>HORTICULTURE—Concluded</b>						
Forest Management .....	123	4	2	.....	.....	.....
Farm Woodlot .....	51	4	8	.....	.....	.....
<b>INDUSTRIAL ARTS</b>						
Carpentry .....	101	2	88	101	2	39
Forging .....	103	2	65	103	2	64
Foundry .....	105	2	30	105	2	3
Chipping and Filing .....	107	2	26	107	.....	.....
Joinery and Pattern Making .....	109	2	37	109	2	16
Advanced Pattern Making .....	111	1	4	111	1	16
Cabinet Making .....	113	2	.....	113	2	.....
Forging .....	115	2	22	115	2	12
Advanced Forging .....	118	2	.....	118	2	.....
Machine Work .....	119	3	53	119	3	34
Advanced Machine Work .....	121	3	15	121	3	44
Advanced Machine Work .....	123	2	.....	123	2	2
Construction Work .....	125	2	.....	125	2	.....
Tool Making and Jig Work .....	127	3	.....	127	3	.....
Advanced Pattern Making .....	130	3	.....	130	3	.....
Carpentry .....	51	2	60	51	2	38
Forging .....	52	2	27	52	2	48
<b>JOURNALISM</b>						
News Collecting and News Writing.....	101	3	49	102	3	35
News Collecting and News Writing.....	102	3	6	101	3	8
Newspaper Practice .....	105	3	19	106	3	14
Newspaper Problems .....	109	2	7	110	2	4
Newspaper History and Organization...	111	3	10	112	3	6
Newspaper Ethics and Principles.....	113	2	11	.....	.....	.....
The Country Newspaper .....	115	2	5	116	2	4
Comparative Journalism and News Interpretation .....	117	3	6	.....	.....	.....
Newspaper Mechanics and Organization .....	.....	.....	.....	114	2	7
Newspaper Jurisprudence and News Interpretation .....	.....	.....	.....	118	3	2
Agricultural Writing .....	101	3	13	101	3	18
Agricultural Writing .....	.....	.....	.....	102	3	10
Agricultural Writing .....	105	3	2	106	3	3
<b>LATIN</b>						
Elementary Latin .....	147	4	4	148	4	3
Cicero; Vergil .....	149	4	6	150	4	6
Cicero, Livy, Horace, Aulus, Gellius...	101	4	31	.....	.....	.....
Livy, Horace, Ovid, Sallust .....	.....	.....	.....	102	4	24
Pliny or Cicero; Catullus or Tacitus...	103	3	22	.....	.....	.....
Latin Comedy .....	.....	.....	.....	104	3	17

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Course Number	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
LATIN—Concluded						
Roman Satire; Roman Philosophy and Rhetoric .....	105	2	10	106	2	9
Roman Comparative Literature .....	111	1	18	112	1	14
Pro-Seminary .....	113	3	5	114	3	3
Latin Prose Composition .....	115	3	7	116	3	5
Advanced Latin Composition .....	119	1	4	120	1	4
Roman Prose Authors; Roman Poets...	121	2	4	122	2	5
Historical Latin Grammar, Inflections...	123	1	5	124	1	4
Historical Latin Grammar, Syntax .....	125	1	6	126	1	5
Methods of Teaching Latin .....	129	2	6			
Readings, Latin Authors on Education and Practice in Reading at Sight.....				130	2	3
Epigraphy .....	213	2	3	214	2	3
Roman Antiquities and Archaeology...	215	1	3	216	1	3
LAW						
Code Pleading .....		3	28			
Evidence .....		2	25		2	22
Practice .....		2	22		2	17
Bankruptcy .....		1	7			
Public Corporations .....					2	9
Ohio Appellate Practice .....					1	9
Legal Ethics—5 Lectures .....						17
Constitutional Law .....		3	21		3	17
Damages .....		2	21			
Torts .....		3	31		3	18
Partnership .....					2	21
Contracts .....		3	31		3	20
Carriers .....		2	14			
Negotiable Instruments .....		3	21			
Federal Jurisdiction .....					2	4
Suretyship .....					2	18
Bailments .....					2	19
Insurance—Not given .....						
Criminal Law .....		3	32			
Judgments .....		2	7			
Criminal Procedure .....		1	7			
Private Corporations .....		2	20		2	16
Domestic Relations .....					2	20
Conflict of Laws .....					2	8
Common Law Pleading .....		2	33			
Equity I .....		2	28			
Equity III .....		2	14			
Quasi Contracts .....		2	11			
Agency .....					2	20
Sales .....					2	18
Equity II .....					2	22



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
LAW—Concluded						
Mortgages .....					2	20
Property I .....		2	31			
Property III .....		2	28			
Property V .....		2	9			
Property II .....					2	19
Property IV .....					2	21
Property VI .....					2	16
Trusts .....					2	12
MANUAL TRAINING						
Teaching of Manual Training .....	111	3	2			
Constructive Design .....	117	2	2			
Handwork for Supervisors .....	121	2	14			
Special Problems in Manual Training .....	123	2	1			
Cabinet Making .....	113	2	3			
Advanced Cabinet Making .....	131	3	2			
Wood Turning .....	129	3	3			
Materials, Methods and Equipment .....				112	3	4
Constructive Design .....				117	2	1
Constructive Design .....				118	2	1
Handwork for Supervisors .....				122	2	15
Cabinet Making .....				113	2	1
Advanced Cabinet Making .....				131	3	2
Elementary Wood Working .....				133	2	4
Pattern Making .....				130	3	3
MATERIA MEDICA						
Materia Medica .....	131	2	44			
Materia Medica .....				132	3	42
MATHEMATICS						
Mathematics for Students in Agriculture .....	107	3	100	107	3	43
College Algebra and Trigonometry .....	121	3	125			
Trigonometry and Analytical Geometry .....				122	3	80
College Algebra and Trigonometry .....	131	5	374	131	5	64
Trigonometry and Analytical Geometry .....				132	5	257
Trigonometry and Analytical Geometry .....	132	5	53			
Calculus .....	141	5	225	142	5	161
Calculus .....	142	5	19	141	5	47
Calculus .....	127	3	17	128	3	11
Differential Equations .....	151	1	22			
Differential Equations .....	167	3	8	168	3	5
History of Elementary Mathematics .....	125	6	2	126	2	5
History of Mathematics .....	207	3	1	208	3	1
Fundamental Ideas of Algebra and Geometry .....	185	2	12	186	2	13

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>MATHEMATICS—Concluded</b>						
Modern Higher Algebra .....	173	3	12	174	3	13
Theory of Functions of a Complex Variable .....	201	3	3	202	3	2
Groups .....	211	3	3	212	3	1
Mathematics of Finance and Insurance..	129	3	43	130	3	22
Plane and Solid Analytical Geometry...	163	3	10	164	3	8
<b>MECHANICAL ENGINEERING</b>						
Mechanism .....	101	3	38	...	...	...
Steam Power Plants .....	103	3	25	104	4	15
Heat Power Engineering .....	105	3	31	106	3	26
Steam Engineering .....	107	3	28	...	...	...
Mechanism and Machine Design .....	...	...	...	110	3	10
Mechanism .....	...	...	...	114	3	12
Mechanism Drawing .....	...	...	...	116	1	12
Heating and Ventilating .....	121	3	15	...	...	...
Materials of Construction .....	123	2	17	...	...	...
Gas Engines and Producers .....	125	2	15	...	...	...
Machine Design .....	127	5	28	144	5	24
Thermodynamics .....	129	2	16	...	...	...
Hydraulic Machinery .....	...	...	...	142	2	20
Steam Turbines .....	...	...	...	146	2	11
Thesis Work .....	...	...	...	148	3	12
Hydraulic Power .....	...	...	...	150	3	8
Experimental Engineering Laboratory ..	...	...	...	160	2	26
Experimental Engineering Laboratory ..	...	...	...	164	2	12
Experimental Engineering Laboratory ..	173	5	19	...	...	...
Experimental Engineering Laboratory ..	175	3	21	...	...	...
Experimental Engineering Laboratory ..	179	2	15	190	6	13
Experimental Engineering Laboratory ..	...	...	...	192	3	8
Steam Power Plant Economics and Design .....	207	3	1	208	3	1
<b>MECHANICS</b>						
Statics and Strength of Materials .....	101	5	138	...	...	...
Statics and Strength of Materials .....	103	5	8	...	...	...
Strength of Materials, Kinetics and Hydraulics .....	...	...	...	102	5	95
Strength of Materials .....	...	...	...	104	2	13
<b>MEDICINE</b>						
Medicine, General and Clinical .....	101	5	19	102	5	19
Physical Diagnosis .....	...	...	...	104	2	28
Nervous Diseases .....	106	2	19	...	...	...
Dermatology .....	...	...	...	108	2	19
Genito-Urinary Diseases .....	...	...	...	126	2	19



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
MEDICINE—Concluded						
Medicine, General and Clinical .....	113	2	24	114	2	23
Psychiatry .....	118	1	23	118	1	23
Pediatrics, Didactic and Clinical .....	121	2	24	122	1	23
Pediatrics, Clinical Conference .....	101	2	24	102	2	23
Hospital Ward—Clinics in Medicine....						
METALLURGY						
Fire Assaying .....				105	3	2
Metallurgical Analysis .....	106	3	3	107	3	7
Alloy Analysis .....				110	4	3
Metallurgy of Non-Ferrous Metals....	111	2	6	112	2	2
Metallurgical Construction .....	113	2	5	116	3	3
Gas Analysis .....	117	2	71			
Ore Dressing .....	119	2	59			
Thesis .....				120	2	4
Fuel .....				122	1	4
Iron and Steel .....	123	3	1			
Metallurgy .....	125	1	7			
Pyrometry and Calorimetry .....						
Metallurgy .....	Cer.			Cer.		
Pyrometry .....	101	4	10	102	4	10
Ceramic Chemistry .....						
MILITARY SCIENCE AND TACTICS						
Military Science and Tactics .....	1	1	794	1	1	725
Military Science and Tactics .....	2	1	571	2	1	512
Reserve Officers' Training Corps.....			68			34
Student Officers' Training Corps .....			20			20
MINE ENGINEERING						
Mine Surveying .....	103	4	21			
Mine Engineering (General) .....	105	5	5			
Mine Trip .....	109	1	12			
Metallurgical Design .....	111	1	6			
Plans and Specifications .....				104	4	4
Mine Engineering (General) .....				106	5	4
Mine Trip .....				110	1	3
Thesis .....				116	3	1
Research Work .....	201	3	1			
MINERALOGY						
Crystallography and Mineralogy .....	102	3	8	102	3	35
Determinative Mineralogy .....				104	3	2
Physical Chemical Mineralogy .....	105	2	8			
Microscopic Mineralogy .....	121	3-5	3	121	3	8

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>OBSTETRICS</b>						
Obstetrics .....				102	2	17
Obstetrics and Conductions .....	105	2	24	106	3	23
<b>PATHOLOGY</b>						
Pathology .....				109	7	29
Surgical Pathology .....				103	2	24
Clinical Pathology .....	119	2	18	120	1	18
General Pathology .....	135	3	19			
Dental Pathology .....				144	2	13
<b>PHARMACY</b>						
Pharmacy—Theoretical .....	101	4	36			
Pharmacy—Operative .....				102	5	24
Pharmaceutical Chemistry .....	103	5	20			
Pharmacy—Extemporaneous and Prescription Practice .....				104	5	15
Materia Medica .....	105	3	26			
Materia Medica .....				106	3	20
Pharmaceutical Analysis .....	107	5	5			
Pharmaceutical Analysis and Assaying .....				108	5	5
Pharmacognosy Microscopic .....	109	3	25			
Pharmacognosy Microscopic .....				110	3	18
Pharmacognosy Microscopic, Advanced .....	111	3	3			
Pharmacognosy Microscopic, Advanced .....				112	3	3
Pharmaceutical Problems .....	113	1	31			
Toxicology .....	1			114	3	13
Preparation and Application of Physiological and Pathological Reagents .....				116	2	11
Prescription Latin .....	119	4	26			
Commercial Pharmacognosy .....	120	3	18	120	3	18
General Commercial Pharmacy .....				122	2	10
Pharmaceutical Literature and Bibliography .....				124	1	10
Materia Medica (Medical) .....	131	2	44			
Materia Medica (Medical) .....				131	3	42
<b>PHILOSOPHY</b>						
Introduction to Philosophy .....	101	3	81	101	3	69
Logic (Introductory) .....	102	3	50	102	3	78
Elementary Ethics .....	105	3	36	106	3	27
Aesthetics .....	115	2	23	116	2	11
Philosophy of Science .....	117	2	9	118	2	4
Philosophy of Religion .....	119	3	3			
Philosophy of Values .....	131	3	3	132	3	2
History of Philosophy .....	151	3	19	152	3	17



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>PHILOSOPHY—Concluded</b>						
Epistemology .....	161	3	2	162	3	2
Main Currents of Contemporary Philosophy .....				142	3	4
Seminary in Philosophy .....	201	3	3	202	3	2
<b>PHYSICAL EDUCATION</b>						
Physical Education (Men) .....	101	1	928	102	1	797
Organization and Administration of Physical Education in Secondary Schools .....	107	2	2			
Principles of Coaching .....				112	2	3
Courses 110-120-122-125—Not given account use of Gymnasium for barracks purposes.						
Physical Education .....	131	1	600	132	1	560
Physical Education .....	133	1	360	134	1	236
(Course 135 not given)						
Theory and Practice of Teaching Physical Education .....				136	3	15
<b>PHYSICS</b>						
General Physics (for Art Students)....	103	4	34	104	4	31
General Physics (for Art Students)....	105	4	35	106	4	11
General Physics (Pre-medical) .....	107	4	35	107	4	26
Physics for Students of Agriculture....	109	3	70	109	3	109
General Physics (for Engineers) .....	111	3	112	111	3	16
General Physics (for Engineers) .....				112	3	102
General Physics (for E. E. & M. E. Students) .....	113	5	102			
General Physics (for E. E. Students)....				114	4	41
Physics Problems (carried with 113 & 114) .....	115	2	6	116	2	2
General Physics (for Architecture Students) .....	117	2	9	118	2	11
Physical Laboratory (for Arts' College)	121-3	3	3	122	3	3
General Physics (M. E. Students) .....				119	3	33
General Physics (C. E. Students) .....				125	5	30
Physical Laboratory (for E. E. Students)	133	2	36			
Electrical Measurements (for E. E. Students) .....				134	4	41
Electrical Measurements and Photometry (for E. E. Students) .....	135	5	34			
Physical Laboratory (M. E.) .....				138	2	41
Advanced Light and Electricity (College of Arts) .....	143	3	3	144	3	3

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
PHYSICS—Concluded						
Theory of Occillations and Wireless Telegraphy (Grad.) . . . . .	211	3	3	212	3	4
(Taught in Electrical Engineering Dept. as follows)						
Radio Telegraphy Signal Corps Reserve. . . . .			E. E. 301	3*	13	
*Three credit hours for portion of course carried in Physics Department.						
PHYSIOLOGY, PHYSIOLOGICAL CHEMISTRY AND PHARMACOLOGY						
General Physiology . . . . .	101	3	306			
General Physiology . . . . .				102	3	268
Chemical Physiology . . . . .				104	3	5
Chemical Physiology . . . . .				106	5	4
Physiol. for Short Pharmacy . . . . .	107	3	28			
Comparative Physiol. for Vets. . . . .	114	3	21			
Advanced Physiology . . . . .	115	5	6			
Advanced Physiology . . . . .	109	5	3			
Advanced Physiology . . . . .				110	5	3
General Physiology . . . . .	119	3	16			
General Physiology . . . . .				120	3	8
Advanced Physiology . . . . .				118	4	6
Medical Physiology . . . . .	121	5	26			
Medical Physiology . . . . .				122	5	26
Medical Physiological Chemistry. . . . .				123	4	56
Dental Physiology . . . . .	127	3	27			
Dental Physiology . . . . .				128	3	27
Medical Pharmacology . . . . .				130	4	26
Dental Physiological Chemistry . . . . .				132	2	24
Pre-medical Physiology . . . . .				134	3	45
Advanced Physiology . . . . .	201	5	1			
Research in Physiology . . . . .	203	5	5			
Research in Physiology . . . . .				204	5	3
POLITICAL SCIENCE						
Government in the United States. . . . .	133	3	132	134	3	113
Governments of Europe . . . . .	102	3	3			
Problems in International Politics. . . . .	113	2	7	114	2	6
Introduction to Jurisprudence. . . . .	125	3	9			
International Law . . . . .				126	3	12
Municipal Government . . . . .	106	3	8			
Municipal Functions . . . . .				130	3	8
Legislation . . . . .	131	2	17			
Administration . . . . .				132	2	10
Proseminar in Political Science . . . . .	117	2	2	118	2	2



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
PRINCIPLES AND PRACTICE OF EDUCATION						
Principles of Education .....	101	3	104	101	3	29
Observation, Criticism and Practice ....	104	3	15	104	3	91
Advanced Principles of Education .....	111	3	5	112	3	6
PSYCHOLOGY						
Elementary Psychology .....	101	3	589	101	3	78
Elementary Psychology .....	102	3	58	102	3	468
Elementary Psychology .....	103	3	9	104	3	11
Educational Psychology .....	107	2	126	107	2	11
Educational Psychology .....	108	2	5	108	2	133
Experimental Psychology .....	111	3	8	112	3	6
Mental and Social Measurements .....	.....	.....	.....	114	2	4
Genetic Psychology and Child Study....	115	2	20	116	2	15
Perception and Behavior .....	118	2	8	.....	.....	.....
Abnormal Psychology .....	121	4	12	.....	.....	.....
The Defective Child .....	.....	.....	.....	122	4	10
Social Psychology .....	125	3	19	.....	.....	.....
Folk Psychology .....	.....	.....	.....	126	3	19
Industrial Psychology .....	.....	.....	.....	127	2	20
Psychology of Advertising .....	128	2	14	.....	.....	.....
Advanced Psychology .....	129	2	14	130	2	9
Mental Tests .....	133	3	3	134	3	4
Psychology of Emotion and Volition....	137	2	7	138	2	3
Minor Research .....	141	2-4	9	142	2-4	7
The Psychological Clinic .....	147	1 or 2	2	148	1 or 2	2
The Treatment of Exceptional Children.	155	2	3	.....	.....	.....
.....	.....	3 or more	.....	.....	3 or more	.....
Major Research .....	201	more	4	202	more	5
Seminary in Psychology .....	203	2	6	204	2	4
Contemporary Psychological Literature.	205	1	3	206	1	6
PUBLIC HEALTH AND SANITATION						
Personal Hygiene .....	112	3	27	.....	.....	.....
Preventive Medicine .....	115	2	23	.....	.....	.....
Public Health Problems .....	123	2	5	.....	.....	.....
Military Hygiene and Sanitation, U. S. School for Military Aeronautics (O. S. U.) .....	.....	.....	.....	Special 8* 840		
*Each Registrant took 8 hours work. Course ran through Second Semester.						
ROMANCE LANGUAGES						
French						
Elementary French .....	101	4	619	102	4	490

## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ROMANCE LANGUAGES</b>						
<i>French—Concluded</i>						
Elementary French and Modern French Literature .....	102	4	35	103	4	32
Modern French Literature .....	103	4	225	104	4	184
Science Reading .....	106	4	27	106	4	27
Advanced Prose Composition .....	107	2	51	108	2	35
History of French Literature .....	109	3	58	110	3	50
Seventeenth Century Drama .....	111	2	12	112	2	15
Seventeenth Century Tragedy and Prose .....	113	2	25	114	2	22
Eighteenth Century Drama .....	119	2	5	122	2	11
Nineteenth Century Drama .....	217	2	8	218	2	4
Recent French Prose .....						
Practice in Speaking and Writing French .....						
Old French .....						
The Teaching of French .....						
Seminary in French Literature .....						
<i>Italian</i>						
Elementary Italian .....	101	4	10	102	4	7
<i>Spanish</i>						
Elementary Spanish .....	101	4	515	102	4	394
Modern Spanish Literature .....	103	4	155	104	4	135
Commercial Reading and Correspondence .....	107	2	22	110	4	71
The Pastoral Novel and Romance of Roguery .....						
Contemporaries of Lope and Calderon .....				108	2	12
Research in Spanish Literature .....	209	3	4	210	3	4
<b>RURAL ECONOMICS</b>						
(101) Farm Accounts .....	101	2	18	101	2	12
(103) Farm Management .....	103	4	42			
(104) Agricultural Economics .....	104			104	3	28
(102) Adv. Farm Accounts .....	102	2	4			
Rural Community Life .....				110		18
Adv. Farm Management .....				111		8
Rural Economic Organization .....	113	3	10			
Farm Accounts and Records .....	51	4	12	51	4	8
Co-operation in Agriculture .....	53	3	10			
Farm Management .....	52	4	17	52	4	4
Rural Community Life .....				54	4	17
Farm Management, 8 weeks course .....		4	35			
<b>SCHOOL ADMINISTRATION</b>						
Public Education in the United States ..	101	3	51			



## THE WORK OF INSTRUCTORS 1917-1918—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>SCHOOL ADMINISTRATION—</b>						
Concluded						
Administration of Secondary Education	111	3	26	.....	.....	.....
Administration of Elementary Education	113	3	2	.....	.....	.....
Educational Statistics	115	2	2	.....	.....	.....
Public Education in the United States..	105	2	4	.....	.....	.....
Seminary in School Administration.....	201	2-5	1	.....	.....	.....
<b>SURGERY</b>						
Surgery	104	2	29	.....	.....	.....
Surgery	101	5	17	.....	.....	.....
Surgery	.....	.....	17	102	5	.....
Gynecology	.....	.....	17	106	2	.....
Surgery—Conference Clinics	127	1	24	.....	.....	.....
Surgery—Orthopedic Surgery	116	1	24	.....	.....	.....
Surgery—Operative Surgery	111	1	24	.....	.....	.....
Surgery—Hospital Ward Clinics	101	1	24	.....	.....	.....
Dispensary Clinics	103	2	24	.....	.....	.....
Surgery—Conference Clinics	.....	.....	.....	128	1	23
Surgery—Hospital Ward Clinics	.....	.....	.....	102	4	23
Pathology	.....	.....	.....	104	2	23
<b>VETERINARY MEDICINE</b>						
Anatomy (Osteology and Arthrology)...	101	5	20	.....	.....	.....
Anatomy (Myology and Splanchnology)	.....	.....	.....	102	7	17
Anatomy (Splanchnology)	135	6	13	.....	.....	.....
Anatomy (Angiology, Neurology, and Topography)	.....	.....	.....	136	6	14
Anatomy (Applied)	134	2	25	.....	.....	.....
Materia Medica and Therapeutics	107	3	14	108	4	15
Pathology (General)	105	5	28	.....	.....	.....
Pathology (Special)	137	3	2	138	3	3
Pathology (Special)	.....	.....	.....	140	5	28
Meat Inspection	122	3	5	.....	.....	.....
Laboratory Diagnosis	.....	.....	.....	142	2	31
Surgery (General)	120	3	29	.....	.....	.....
Surgery (Special)	133	4	6	132	4	4
Horseshoeing	.....	.....	.....	109	3	30
Operative Practice	121	1	6	.....	.....	.....
Diseases of Small Animals	115	5	27	.....	.....	.....
Clinics (Medical and Surgical)	119	3	23	118	3	24
Clinics (Medical and Surgical)	123	3	6	124	3	6
Sporadic Diseases of Large Animals...	.....	.....	.....	126	5	30
Infectious Diseases of Large Animals...	143	5	6	.....	.....	.....
Physical Diagnosis	127	3	34	.....	.....	.....
Obstetrics	.....	.....	.....	111	3	3
Hygiene and Sanitation	.....	.....	.....	144	3	5

## THE WORK OF INSTRUCTORS 1917-1918—Concluded

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>VETERINARY MEDICINE</b>						
Concluded						
Agriculture .....	51	3	10	52	3	8
Agriculture .....	151	3	34	152	3	24
Winter Course in Agriculture .....		3	38			
<b>ZOOLOGY AND ENTOMOLOGY</b>						
Elementary Zoology .....	101	3	552	102	3	339
Elementary Zoology (repeated) .....				101	3	56
Invertebrate Morphology .....	121	3-5	3			
Quantitative Studies in Variation, etc... ..	129	2-5	7	130	2-5	3
Evolution .....	131	3	5	132	3	4
Minor Investigation .....	141	3-5	3	142	3-5	2
Teaching of Zoology .....	145	3	2			
Quantitative Studies in Animal Behavior .....	153	2-5	3	154	2-5	2
Animal Parasitology .....	157	3-5	2	158	3-5	1
Animal Ecology .....	159	3-5	2			
Seminary in Zoology and Entomology... ..	201	1	7	202	1	7
Research Work .....	241	5-10	12	242	5-10	12
Invertebrate Zoology .....	247	5	5	248	5	5
Systematic and Practical Entomology... ..	51	4	5	52	4	5
Economic Entomology .....	107	3	47	108	3	15
Apiculture .....				112	3	6
Special Entomology .....	113	4	3	114	4	3
Advanced Entomology .....	137	3-5	2	138	3-5	2
Entomological Literature .....	147	2	3			
Entomology—Taxonomy .....				148	2	2
Medical Entomology .....	149	3-5	2			
Entomology—Insect Control .....	151	3		152	3	1
Entomology (course in Forestry) .....	155	3	5	156	3	5
<b>SUMMER SESSION, 1918</b>						
Elementary Zoology .....	101	3	15	102	3	17



## APPENDIX V

\*SHOWING THE WHOLE NUMBER OF DEGREES IN COURSE CONFERRED SINCE THE FOUNDING OF THE UNIVERSITY

[illegible]

## APPENDIX V—Concluded

	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918		
Master of science (Agriculture) .....																		1	2		1									2	1	3	3	1									
Master of science (Dom. Sc.) .....																											1						1										
Master of science (H. F.) .....																				1	1	1											1										
Master of science in public health.....																																									3		
Doctor of philosophy....	1															1									1		1	1		1		2			1	5	1	2	1	3	11	9	
Doctor of science.....												1						1		1																							
Doctor of Dental Surgery .....													1																														
Doctor of Medicine....																																											
Juris Doctor .....																9	18	15	16	6	23	22	21	25	17	26	20	11	15	17	26	15	16	22	10	3	4	3	2	6	2	3	2
Bachelor of Laws.....															2	4	2	6									3	1															
Master of Laws.....																																											
Total .....	6	7	9	8	9	11	12	16	18	24	28	26	30	36	61	79	70	112	118	135	126	99	137	135	141	170	194	209	225	249	287	333	370	422	501	515	649	793	902	941	565		
Degrees conferred dur- ing the year as of the class of .....															1												6	0	5	6	5	15										61	
Totals .....																											200	209	230	255	292	348										1002	

\*Statistics given prior to 1904 covered only the degrees granted at the Commencement.



## APPENDIX VI

## SHOWING THE NUMBER OF STUDENTS IN THE GENERAL, TECHNICAL AND PROFESSIONAL COURSES

	1890-91	1891-92	1892-93	1893-94	1894-95	1895-96	1896-97	1897-98	1898-99	1899-1900	1900-01	1901-02	1902-03	1903-04	1904-05	1905-06	1906-07	1907-08	1908-09
General Courses (College of Arts) .....	137	151	194	245	256	322	327	358	371	419	439	403	490	496	490	551	572	630	714
Technical Courses (other Colleges, except Law) .....	166	259	381	368	424	453	453	511	541	603	771	888	1,039	1,135	1,129	1,262	1,280	1,436	1,626
Professional Courses (College of Law) .....		55	67	72	65	100	132	148	191	201	220	188	166	171	179	162	153	138	132
*Graduate students and summer school .....	2			1		94	97	133	75	45	51	49	62	108	54	240	339	375	458
†Summer school (shopwork) .....															74	75	81	80	90
Lake Laboratory (summer) .....												19		23	32	26	19	26	32
Totals .....	305	465	642	686	745	969	1,019	1,150	1,178	1,268	1,481	1,547	1,757	1,933	1,958	2,316	2,444	2,689	3,052
Names counted twice .....																159	167	216	258
Net Total .....																2,157	2,277	2,473	2,794

\*Until 1896, graduate students have been included in the first three classes.

†Until 1904, summer term students in shopwork have been included with graduate students.

## APPENDIX VI—Concluded

## SHOWING THE NUMBER OF STUDENTS IN THE GENERAL TECHNICAL AND PROFESSIONAL COURSES

	1909-1910	1910-1911	1911-1912	1912-1913	1913-1914	1914-1915	1915-1916	1916-1917	1917-1918
General Courses (College of Arts Commerce and Journalism and Education) .....	845	865	962	1,009	1,139	1,494	1,820	2,198	2,220
Technical Courses (Other Colleges except Dentistry, Homeopathic Medicine, Law and Medicine) .....	1,643	1,780	1,979	2,106	2,392	2,373	2,491	2,398	1,884
Professional Courses Colleges of Dentistry, Homeopathic Medicine, Law and Medicine) .....	181	170	185	198	187	615	556	514	384
Graduate Courses (Graduate School) .....	96	70	97	128	133	185	244	233	161
Summer Session .....	606	617	738	575	671	926	1,010	1,166	918
Lake Laboratory (Summer) .....	36	22	28	25	32	14	19	15	14
Winter Courses .....	159	183	273	227	203	187	173	187	119
Total .....	3,566	3,707	4,262	4,268	4,757	5,794	6,313	6,711	5,700
Names counted twice .....	291	268	334	299	322	462	491	523	550
Net Total .....	3,275	3,439	3,928	3,969	4,435	5,332	5,822	6,188	5,150



## APPENDIX VII.

## SHOWING DEGREES AND CERTIFICATES GRANTED IN 1918

## GRADUATE SCHOOL

Acting Dean: WILBUR H. SIEBERT

## DOCTOR OF PHILOSOPHY

Homer Burton Adkins, B. Sc. (Denison University), M. A. ....	Newport
Herbert Spencer Coith, B. Sc. (Kansas State Agricultural College), M. Sc. ....	Columbus
Frederick Azel Fenton, B. A. (Clark University), M. S. (University of Wisconsin) .....	Willmantic, Conn.
Walter French, B. A., M. A. ....	Salem
Robert Cleveland Hummell, B. S. (Otterbein College), M. A. ....	Columbus
Carl Raymond McCrosky, B. A. (Ohio Wesleyan University), M. A. ....	Columbus
Adolph Waller, B. Sc. in Agr. (University of Kentucky), M. Sc. ....	Louisville, Ky.
Harry Sylvester Will, B. A., M. A. ....	Columbus
James Howard Young, B. Sc. (Kansas State Agricultural College), M. Sc. ....	Kansas City, Kan.
(Nine candidates)	

## MASTER OF ARTS

Agnes Jessie Atkins, B. A. ....	Malta
Elizabeth Grover Beatty B. S. in Edu. (Ohio University) .....	Athens
Nell Catharine Crates, B. A. (Ohio Wesleyan University) .....	Findlay
Mary Lee Deputy, B. Ped. (Ohio University), A. B. (Antioch College) .....	Mechanicsburg
*Russel Andrew Grimm, B. A., B. Sc. in Edu. ....	Columbus
Battery F. 324 Heavy Field Artillery, Camp Sherman, Ohio	
Dorothea Grace Knobloch, B. A. (College for Women, Western Reserve University) .....	Columbus
Reuben Koch, B. A. ....	Columbus
Frances Margaret Lorsheter, B. A., B. Sc. in Edu. ....	Columbus
Esther May McClain, B. A., B. Sc. in Edu. ....	Columbus
Helen Marshall, A. B. (Lake Erie College) .....	Port Clinton
Mary Margaret Miller, B. A. ....	Sharon, Pa.
*Sidney Earl Mix, B. C. E. ....	Sugar Grove, Pa.
Dorothy Osborn, B. A. ....	Columbus
Waldo Schumacher, A. B. (Bluffton College) .....	Pandora
Emma Pearl Scot, B. A. ....	Columbus
Miriam Elizabeth Simes, B. A., B. Sc. in Edu. ....	Columbus
Edith Mary Sniffen, B. A. (Marietta College) .....	Marietta
Jean David Spaid, B. Sc. in Edu. ....	Columbus
Mabel Elizabeth Stehle, B. A. ....	Columbus
Choming Tsai, B. A. (Miami University) .....	Peking, China
Oscar Wesley, A. B. (Baldwin-Wallace College) .....	Berea
Mozelle Carolyn Whips, B. Sc. in H. E. ....	Columbus
(Twenty-two candidates)	

\* \* With the Colors

## MASTER OF SCIENCE

Clyde Stewart Adams, B. Sc. (Denison University).....	Newark
William Wert Bauer, B. A.....	Thurston
*Aubrey Ottarson Bradley, B. A. (Ohio Wesleyan University).....	Milford
Bureau of Mines, American University Experiment Station, Washington, D. C.	
Maud Dawson, B. A. (University of Michigan).....	Cleveland
Ernest Newton Fergus, B. Sc. in Agr.....	Columbus
Roy Israel Grady, B. Sc. (Wooster College).....	Wooster
John Calhoun Hamlin, B. Sc. (Clemson Agricultural College).....	Anderson, S. C.
Harry Wilson Lutz, B. Sc. in Hort.....	Jeromesville
Charles Niman McIntyre, B. Sc. in Forestry.....	Columbus
Ghulam Mohammed Malik, B. Sc. in Agr. (Utah Agricultural College).....	Columbus
Robert Edward Miller B. A. ....	Clintonville
Wayne Lewis Robison, B. Sc. in Agr. (Purdue University).....	Wooster
George Lee Schuster, B. Sc. in Agr.....	Columbus
Verle Cleveland Smith, B. Sc. in Agr.....	Columbus
William Boyd Stelzner, B. E. in E. E. (University of Arkansas).....	Fayetteville, Ark.
Britto Fair Stoner, B. Sc. in H. E. ....	Millersburg
*Spencer George Weber, B. Sc. (Denison University).....	Toledo
Charles Adolph Weigel, B. Sc. (New Hampshire State College).....	Lawrence, Mass.
Pei-Fung Yang, B. Sc. in C. E. (Government Institute of Technology, Shanghai, China).....	Kwei-Chow, China
(Nineteen candidates)	

\*With the Colors

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1917

## MASTER OF ARTS

Harriet Louise Abbott, B. A. (Antioch College).....	Bethel
Parker Karns Baird, B. A. (Lawrence College).....	Monroe, Wis.
*Harold Koppes Baumgardner, B. Sc. (Wooster College).....	Wooster
Camp American University, Washington, D. C.	
Albert Sidney Beckham, B. A.....	New York City
Lawrence Wilford Bridge, B. A. (Butler College).....	Dayton
Carl Emmit Frick, B. Sc. (University of Akron).....	Akron
William Archie Hammond, B. A. (Miami University).....	Bellevue
Walter B. Kimpton, B. Ph. (Hiram College).....	Hiram
George Washington Lee, B. Ph. (Heidelberg University).....	Wharton
Pearl Alphonso McCarty, B. A.....	Mechanicsburg
Fred D. Meyers, B. Sc. (Muskingum College).....	Kelsey
George Morton Strong, B. Ph. (Marietta College).....	Granville
Herbert Anderson Toops, B. A., B. Sc. Edu.....	Cook
Martha Nelle Ward, B. Sc. (Rio Grande College).....	Rio Grande
(Fourteen candidates)	

## MASTER OF SCIENCE

Russel Sage Banks, B. A. (Defiance College).....	Defiance
Lorin Beryl Sebrell, B. Sc. (Mt. Union College).....	Alliance
(Two candidates)	

\*With the Colors



## COLLEGE OF AGRICULTURE

Dean: ALFRED VIVIAN

## BACHELOR OF SCIENCE IN AGRICULTURE

Volney Goffe Applegate.....	Conover
Marion Virgil Bailey.....	Piqua
Alvin Charles Barth.....	Litchfield
Ralph Lawrence Bazler.....	Columbus
Thomas Edward Berry.....	Hillsboro
Sidney William Bliss (As of the Class of 1917).....	Cleveland
Henry Gayman Chambers.....	Circleville
*Arthur Seymour Clark.....	Medina
Harry Warren Clarke.....	Huntsburg
*Cloyce Dean Copley.....	Vanlue
3rd Reg., 9th Co., Naval Training Station, Newport, Rhode Island	
John Peters Courtright.....	Ashville
Gordon Dixon.....	Vermilion
Arthur Tobias Edinger.....	Chillicothe
Richard Cornelis Fisher.....	Berkasie, Pa.
Eugene Fox.....	Cincinnati
Lester Newton Geiger.....	Pataskala
*Leroy Grant Gilmore.....	Cleveland
Selfridge Field, Post Hospital, Mt. Clements, Michigan	
Emil John Grener.....	Galloway
Emmett William Haas.....	Lower Salem
Wallace Luke Hammond.....	St. Clairsville
Francis Newman Holcombe.....	Delaware
Delmer Corry Jobe.....	Cedarville
Andrew Wilson Johnson.....	Wooster
Millard Leroy Jordan.....	Pleasant City
Walter Keel Kennedy.....	Canal Dover
*Harry Leo Kern.....	Lancaster
Co. B. 308th Ammunition Train, Camp Sherman, Ohio	
George Henry Krill.....	Edgerton
Chauncey Philip Lang.....	Woodsfield
Dexter Nathaniel Lutz (As of the Class of 1917).....	Spencerville
*William Montgomery.....	Nashport
Roy Edgar Moser.....	Orrville
Paul Edwin Needham.....	Columbus
Ralph Martindale Neher.....	Tippecanoe City
*Marion Cundiff Overturf.....	Rushtown
4th Officers' Training Camp, Camp Custer, Battle Creek, Michigan	
Ralph Richardson.....	Canal Dover
*John McGrew Sawyer.....	New Paris
4th Officers' Training Camp, Camp Grant, Rockford, Illinois	
*Everet Leslie Shuck.....	Vanlue
Co. I, 4th Reg., Radio Training Station, Newport, Rhode Island	
William Charles Skelley.....	Columbus
James Carleton Spence.....	Milford
Ralph Holland Sturgeon.....	Glenford
Lowell Allen Sutermeister.....	Kenton
Paul Cecil Warner.....	Greenville
Joyce Thomas Wilcox.....	Clyde

(Forty-three candidates)

\*With the Colors

## BACHELOR OF SCIENCE IN HORTICULTURE

Abraham Zayin Chanin.....	Columbus
*Carl Edwin Hass.....	Cleveland
*Ernest Straign Haber.....	Cleveland
Harry Ernest Jacob.....	Gahanna
*Ralph Rudolph Rothacker.....	Van Wert
Medical Dept., General Hospital, Lakewood, New Jersey	
Melvin Earl Wyant.....	Toledo
(Six candidates)	

## BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE

Leo C. Rosenberg.....	Pinsk, Russia
(One candidate)	

## BACHELOR OF SCIENCE IN HOME ECONOMICS

Leah Ascham.....	Ada
Lucie Pearle Atcheson.....	Linden Heights
Marie Jean Barclay.....	Sebring
Mary Esther Baumgardner.....	Columbus
Frances Elizabeth Bell.....	Cambridge
Anna Pauline Biebricher.....	Bellevue
Fanny Mae Bollinger.....	St. Paris
Elsie Beatrice Brady.....	Columbus
Hazel Marie Brown.....	Hilliards
Dorris Coss.....	Columbus
Florence May Cruickshank.....	Akron
Florence Belle Darrah.....	Macksburg
Marie Kathryn De Vere.....	Columbus
Edith Murnan Dickson.....	Maysville, Ky.
Bertha Grace Dunn.....	Marietta
Rachel Edgar.....	Coshocton
Katherine Geddes Erskine.....	Columbus
Margaret Fields.....	West Jefferson
Bertha Beatrice Hays.....	Martinsburg
Bertha Elizabeth Holtkamp.....	Lakewood
Lois Hunter.....	Buckeye City
Margaret Johnson.....	Cambridge
Lois Love Kirkpatrick.....	West Lafayette
Elisabeth Cole Lee.....	Coshocton
Mayme Lewis.....	Grove City
Zulu Marie Marshall.....	Coshocton
Ruth Megathay.....	Cleveland
Stella Beavers Milburn.....	Columbus
Roxie Ann Millikin.....	Brookville
Lucile Mary Muth.....	Columbus
Florence Eleanore Nolan.....	Madison
Helen Katherine Patterson.....	Piketon
Martha Ethel Ralston.....	Youngstown
Rose Waring Russell.....	Washington, D. C.
Edith Lillian Simons (As of Class of 1917).....	Painesville
Grace Lienhard Slocum.....	Akron
Elsie Elenora Steiger.....	Hamilton
Prudence Stevens.....	Madison

\*With the Colors



Thurza Teegarden.....	Columbus
Dorothy Elizabeth Tunnell.....	Minneapolis, Minn.
Mary Ralston Werner.....	Youngstown
Margaret Lee White.....	Columbus

(Forty-two candidates)

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

## As of the Class of 1917

## BACHELOR OF SCIENCE IN AGRICULTURE

Lee Vaughn Bone.....	Lebanon
Arthur Horace Carter.....	Springfield
William Cooper.....	Tanner, W. Va.

(Three candidates)

## BACHELOR OF SCIENCE IN HORTICULTURE

Delbert Fleshman Dunlap.....	Gap Mills, W. Va.
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(One candidate)

## BACHELOR OF SCIENCE IN HOME ECONOMICS

Hazel Bell Cook.....	Newark
Ida Mae Patterson.....	Ludlow Falls
Alexandria Rickard.....	Columbus

(Three candidates)

## COLLEGE OF ARTS, PHILOSOPHY, AND SCIENCE

Dean: JOSEPH VILLIERS DENNEY

## BACHELOR OF ARTS

Samuel Earl Ackley.....	Caldwell
Harriet Page Albright.....	Columbus
Ola Mae Arick.....	Orrville
Mary Louise Bailey.....	Columbus
Lotta Marguerite Barclay.....	Salisbury, Md.
Carl Eugene Barnett.....	Columbus
Nelson Leroy Barnett.....	Columbus
Almon Jay Basinger.....	Columbiana
Arden Ray Basinger.....	Columbiana
Edward Christian Basselman.....	Conneautville, Pa.
Eleanor Rose Batterham.....	Asheville, N. C.
Margaret Batterham.....	Asheville, N. C.
Mary Violet Beard.....	Columbus
Lillian Margaret Beatty.....	Columbus
Matthew Glendale Beeman.....	Columbus
Alva Herschel Bennett.....	Mansfield
Audra Rosina Bickel.....	Columbus
Forest Ira Blanchard.....	Columbus
Solomon Bloomfield, Jr.....	Canton
Carl Millard Bohner.....	Philadelphia, Pa.
Orton Wells Boyd.....	Columbus
Marion Williamson Bradley.....	Columbus
Hedwig Marie Bretz.....	Columbus
A Margaret Castle.....	Columbus

Martha Chambers.....	Mansfield
Edith Winifred Childs.....	Columbus
Ruth Clark.....	Columbus
Hobart Raphael Coffey.....	Creston
Grace Marie Cogger.....	Columbus
Lucille King Corbett.....	Columbus
Wilda Ruth Coulter.....	Columbus
*Harold Joseph Courtney.....	Columbus
Naval Reserve Training School, Municipal Pier, Chicago, Illinois	
Emma Leonard Courtright.....	Columbus
Mabel Mason DeBra.....	Columbus
Lyndall Johnetta Diebel.....	Columbus
Gordon Dixon.....	Vermilion
Jessie Belle Doersam.....	Groveport
Vera Pearl Dull.....	Willshire
Reed Bergman Dunn.....	Deshler
Henry Feinberg.....	Dayton
Vera Lydia Foster.....	Columbus
*Gordon Stark Frambes.....	Columbus
Quartermaster's Department, Z 31, Camp Sherman, Ohio	
Emma Marie Frechting.....	Hamilton
Alfred Earl Galloway.....	Bridgeport
Esther Helen Gary.....	Columbus
Howard Manning Gilmore.....	Columbus
Boris Glossman.....	New York City
Josephine Hamblin.....	Columbus
Elma Elizabeth Hamilton.....	Columbus
Harold Eugene Hamilton.....	Urichsville
Allen Douglas Harlor.....	Columbus
Gladys Lucile Hart.....	Columbus
Eldra Wade Hartley.....	Columbus
Eleanor Helen Hauelsen.....	Hilliards
Louise Middleton Havens.....	Columbus
Alice Marion Hayes.....	Columbus
Marguerite Ruth Heiner.....	Columbus
Tom Helbling.....	Georgetown
Florence Ethel Heyde.....	Columbus
William Edgar Hitchcock.....	Fairfield
Allen Hamilton Hoskins.....	Columbus
Edith Franson Hoyer.....	Columbus
Esther Romaine Jackson.....	Grandview Heights
Paula Mina Janton.....	Columbus
Estella Lucille Johnson.....	Erie, Pa.
Frances May Karns.....	Columbus
Jesse Marx Kleinmaier.....	Marion
Leyb Berkoff Komisaruk.....	Grafskol, Russia
Gail Merton Kurtz.....	Carey
Edna Anna Lamb.....	Columbus
Ethel McMorris La Velle.....	Columbus
Lois Mae Lovett.....	Washington, D. C.
Louis Lozwick.....	Newark, N. J.
Floyd Alonzo McClure.....	Sidney
Roe Johnson Maier.....	Montpelier
Helen Markey.....	West Alexandria

\*With the Colors.



Zulu Marie Marshall	Coshocton
Ethel Editha Matson	Columbus
Evert Waitman Meredith	Sistersville, W. Va.
Harry James Miller	Ashville
Mary Martha Monica Miller	Columbus
Mary Jane Milligan	Springfield
Adah Vivian Morris	Logansport, Ind.
Lucile Mary Muth	Columbus
Mary Elizabeth Myer	Hebron
William Edward Orthwein	Bucyrus
*Don Ferdinand Osbun	Mansfield
Hazel Joann Pfau	Portsmouth
Maynard French Pierce	Springfield
Robert Kinsey Porter	Columbus
Corinne Louise Putnam	Columbus
Margaret Helen Rathmell	Columbus
Mildred Mae Rocky	Columbus
Margaret Roling	Columbus
Winnifred Virginia Ronan	Indianapolis, Ind.
Ruth Jane Roseboom	Columbus
Charles Leslie Sammons (As of the Class of 1917)	Zanesville
Oscar Hugo Schettler	Cleveland
Gertrude Schutzbach	Strasburg
Charlotte Matilda Scofield	Columbus
Jenny Elizabeth Scott	Columbus
Helen Delano Shepard	Columbus
Ruth Marie Smith	Washington, C. H.
Clifford Bright Snider, B. Sc. in Agr	Columbus
Wilna Hazel Solt	Lancaster
Jean David Spaid, B. Sc. in Edu.	Dayton
Edna Leah Spencer	Oregonia
Joseph Stanley Stevens	Jackson
Harold Griffith Sutton	Athens, Pa.
Esther Tanner	London
Amanda Adeline Thomas	Columbus
Janeva Christie Trotter	Columbus
*Albert Herman Vilbrandt	Woodville
Ethel Morse Vorhees	Columbus
Isabelle Hannah Wallace	Columbus
Charles Edgar Whitenack	Blanchester
*Charles Otis Wilson	Wauseon
4th Officers' Training Camp, Camp Custer, Battle Creek, Michigan	
Rita Kathryn Woods	Toledo
(One hundred and eighteen candidates)	

## BACHELOR OF SCIENCE

Elvin Jackson Bateman	Zanesville
Everett Twinem Bonar	Round Bottom
Mary Louise Brown	Zanesville
Earl Huffer	Columbus
Rudolph Gaylord Lewis	Mt. Sterling
Ernest Fred Maag	Minersville
Louis Joseph Roth	Columbus

\*With the Colors.

Erwin Webster Troutman.....	Worthington
Ruth Palmer Walker.....	McConnelsville
Ann Pauline Warfield.....	Jerusalem
(Ten candidates)	

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1917

## BACHELOR OF ARTS

Harry Ernest Caldwell.....	Delaware
Thomas Elliott Davey, Jr.....	Columbus
Rachel Edgar.....	Coshocton
*Erwin Allen Esper.....	Columbus
Harold Taylor Gates.....	Zanesville
Elwood Neal Hart.....	Columbus
*Frederick Graham Haskin.....	Coshocton
Alva Lawrence Hindall.....	West Mansfield
Cyrus John William Luttrell, B. Sc. in Edu.....	Washington, C. H.
William Collins McCoy.....	McArthur
Allen Edward Pengelly.....	Hanley, Canada
Isaac Harris Peterman.....	Plain City
Albert Henry Rummel.....	St. Clairsville
Harold Finefrock Schory.....	Canton
Rebekah Ruth Shover, B. Sc. in Edu.....	Columbus
(Fifteen candidates)	

As of the Class of 1918

Louis August Elsesser.....	Tiffin
(One candidate)	

## COLLEGE OF COMMERCE AND JOURNALISM

Dean: JAMES E. HAGERTY

## BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Kenneth Miller Beery.....	Columbus
William Fred Bloor.....	Columbus
Samuel Richard Firestone.....	Lorain
Glenn Walter Foster.....	Coshocton
*Glen Kerr Schooler.....	Columbus
*William Randall Watson.....	Napoleon
Co. K; 332 Inf., Camp Sherman, Ohio	
Edwin Herman Weil.....	Cleveland
Clarence Henry Wiseley.....	Botkins
Walter Adrian Yoerger.....	Columbus
(Nine candidates)	

## BACHELOR OF SCIENCE IN JOURNALISM

Elouise Converse.....	Westerville
*Leon Alexander Friedman.....	Circleville
(Two candidates)	

## BACHELOR OF SCIENCE IN SOCIAL SERVICE

Ada May Remington.....	Cedar Rapids, Iowa
Helen Mae Ridsen.....	Vermilion
(Two candidates)	

\*With the Colors



## COLLEGE OF DENTISTRY

Dean: HARRY M. SEMANS

## DOCTOR OF DENTAL SURGERY

Thomas Fawns Auld	..... Alliance
Harold William Babington	..... Lisbon
Walter Duff Barcroft	..... Columbus
Charles Edwin Beatty	..... Portsmouth
Robert John Bennett	..... New Lexington
Paul Drumm Black	..... White Cottage
Dean Howard Booth	..... Geneva
William Berdell Braumiller	..... New Carlisle
Edward Pierre Buddenhagen	..... Sandusky
Claude Morrison Campbell	..... Barnesville
Leo Michael Carr	..... London
Joseph Francis Carroll	..... Omemee, Ontario, Canada
Adonis George Cashbangh	..... East Liverpool
Frank Carter Larimore Claypool	..... Mt. Vernon
Ralph Boyd Clugh	..... Mt. Vernon
Clarence S. De Lashmutt	..... Bucyrus
Elijah D. Douglass	..... Ravenswood, W. Va.
Harry Hayman Douglass	..... Ravenswood, W. Va.
John Wesley Dunbar, A. B. (Paine College)	..... Cincinnati
James Edelen Dunn	..... New Lexington
Arthur Matthew Elam, B. M. E. (State University of Kentucky)	..... Louisa, Ky.
Botner Frederick Elam	..... Columbus
Hubert Baker Eyman	..... Lancaster
Oscar Joseph Fillinger	..... Wellsburg, W. Va.
Austin Thomas Fisher	..... Flushing
Phillip Ambrose Floyd	..... Lancaster
Ira Lee Fulk	..... Ashland
Harold William Hart	..... Marietta
Arthur Alvern Hartuppee	..... Mansfield
Robert William Heibertshausen	..... Crestline
Nelson Sweeny Hoover	..... Apple Creek
Fred Fay Jones	..... Chillicothe
Morton Hanna Jones	..... Chillicothe
LeRoy Henry Kauffman	..... Clayton
Albert Nelson Kishler	..... New Lexington
Robert Alvire Lush	..... Cincinnati
Bruce Atwood Mayer	..... Newark
Robert Perry Merrill	..... Columbus
Davison Bay Moore	..... Pataskala
Alva Clinton Myers	..... Columbus
Ernest Ray Myers	..... Baltimore
Joseph Charles Nageleisen	..... Piqua
Ralph Victor Park	..... Fostoria
Jean McKenzie Putnam, B. Ped. (Ohio University)	..... Athens
Chester Eugene Rasor	..... Brookville
Thomas William Ream	..... Somerset
Earl Miller Sheehen	..... Alliance
Alice Marie Smith	..... Somerset
Richard Mott Titus	..... Columbus

Eurat Dwight Vosper.....	Woodsfield
Homer Cecil Wagner.....	Ravenswood, W. Va.
Everett Lloyd Watkins.....	Mt. Cory
Chester Everett Wetherill.....	West Mansfield
Russell Henry Wetzell.....	Lancaster
Leonard Ordie Wheeler.....	Scotland, Ill.
William Dale Williams.....	Chester, W. Va.
Harold Grover Wolfe.....	Delphos

(Fifty-seven candidates)

## COLLEGE OF EDUCATION

Dean: GEORGE WELLS KNIGHT

## BACHELOR OF SCIENCE IN EDUCATION

Miller Ayers.....	Eaton
Hazel Bayer.....	Miamisburg
Jean Ingelow Beery.....	Columbus
Helen Fayerma Behrens.....	Middletown
Josephine Benson.....	Columbus
Helen Rebecca Bloser.....	Columbus
Mildred Frances Booth.....	Columbus
Hedwig Marie Bretz.....	Columbus
Eugenie Josephine Brown.....	Columbus
Pauline Temperance Bryant.....	Columbus
Walter Austin Burnham.....	Mechanicsburg
Helen Jeannette Carl.....	Camp Chase
Martha Chambers.....	Mansfield
Ester Elizabeth Clark.....	Columbus
Wilda Ruth Coulter.....	Columbus
Mary Naomi Cowling.....	Columbus
Marjorie Louise Dean.....	Columbus
Mable Mason Debra.....	Columbus
Mildred Lavinia Dickey.....	Columbus
Lyndall Johnetta Deibel.....	Columbus
Clara Claudine Dowler.....	Columbus
Maria Swope Dreyer.....	Lancaster
Alice Grace Eckfield.....	Uhrichsville
Dorsie Elizabeth Fisher.....	Columbus
Katherine Fisher.....	Columbus
Martha Elizabeth Forsythe.....	Cambridge
Vera Lydia Foster.....	Columbus
Nelson William Frasure.....	Columbus
Dorothy Evaline Fulcher.....	Columbus
Edith Gramm.....	Columbus
Josephine Hamblin.....	Columbus
Gladys Lucille Hart.....	Columbus
Eldra Wade Hartley.....	Columbus
Eleanor Helen Haueisen.....	Hilliards
Tom Helbring.....	Georgetown
Martha Jane Hillhouse.....	Columbus
Alonzo Franklin Hixon.....	Columbus
Winifred Helen Hobart.....	Medina
Clarice Sarah Hobensack.....	Mt. Victory



Ethel Salina Hogan.....	Columbus
Frances May Karns.....	Columbus
Freda Alvina Kautz.....	Columbus
Mary Eliza Kennedy.....	Columbus
Martha Kathleen Kent (As of the Class of 1917) .....	Bellevue
Josephine Smith Kinney.....	Columbus
Rowena Emmitt Kinney.....	Columbus
William Alonzo Kline, B. S. (Otterbein University).....	Lancaster
Florence Edith Knoche.....	Georgetown
Margaret Hannah Koehler.....	Columbus
Ruth McMillan Kyle.....	Xenia
Edna Anna Lamb.....	Columbus
Ethel McMorris La Velle.....	Columbus
Mable Marie Lentz.....	Columbus
Lavone Frances McReynolds.....	Columbus
Ethel Editha Matson.....	Columbus
Ruth Mills.....	Columbus
Mary Ada Parsons.....	Lakewood
Helen Kathrine Patterson.....	Piketon
Urcell Yates Porter.....	Columbus
Aldee Opal Poulson.....	Orient
Helen Elizabeth Price.....	Columbus
Mary Lucile Richardson.....	Columbus
Norma Lucile Richter.....	Milford Center
Catharine Marie Rittel.....	Columbus
Margaret Mary Ritzler.....	Dayton
Mildred Mae Rockey.....	Columbus
Margaret Roling.....	Columbus
Marion Margaret Ryan.....	Columbus
Lillian Marguerite Sauer.....	Columbus
Alice Rebecca Scatterday.....	Columbus
Alexander Joseph Schaefer.....	Columbus
Eula Miskel Schaeffer.....	Detroit, Mich.
Britta Henderson Schreck.....	Columbus
Irma Ruth Selby.....	Columbus
Edith Sherwood, B. Sc. in H. E.....	Plain City
Ava Belle Shover.....	Grove City
Edna Adella Smelker.....	New Madison
Eleanor Cotton Smith.....	Akron
Miriam Gebest Smith.....	Zanesville
Edna Leah Spencer.....	Oregonia
Lorene Teegarden.....	Greenville
Clara Catharine Volk.....	Columbus
Corinne Elizabeth Volkmann.....	Canton
Rayman Stanley Weiser.....	Ashville
Margaret Lee White.....	Columbus
Charles Edgar Whitenack.....	Blanchester
Edward Lawrence Wickliff, B. Sc. in Agr.....	Columbus
Harry Ernest Williams.....	Irononton
Harry Benjamin Wyman.....	McArthur

(Eighty-nine candidates)

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1917

## BACHELOR OF SCIENCE IN EDUCATION

Henrietta Deona Dupuy.....	Portsmouth
Irene Ann Fletcher.....	Columbus
Margaret Estelle Hamilton, B. A.....	Cadiz
Martha Mabel Harris, B. A. (Monmouth College).....	Springfield
Victor Clare Ketner.....	Columbus Grove
John Ivan Kiseberth.....	Kansas
Martha Law.....	Columbus
Edward Oscar McCowen, B. Sc, (Ohio Northern University).....	Wheelersburg
Debora May MacNeilan, B. A.....	Columbus
Mabel M. Moore.....	Columbus
Vitus Modustus Mulvey.....	Zanesville
Helen Louise Murphy.....	Columbus
Florence Clara Oswald.....	Dayton
*Arthur Peter Staudt, B. A.....	Woodsfield
4th Officers' Training Camp, Camp Custer, Battle Creek, Michigan (Fourteen candidates)	

## COLLEGE OF ENGINEERING

Acting Dean: EDWIN F. CODDINGTON

## PROFESSIONAL DEGREES

## CHEMICAL ENGINEER

George A Burrell.....	Washington, D. C.
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## CIVIL ENGINEER

Charles Evan Fowler.....	New York City
(Two candidates)	

## DEGREE CONFERRED DURING THE ACADEMIC YEAR

## MASTER OF ARCHITECTURE

Joshua Holmes Vogel, B. Arch,.....	Toledo
(One candidate)	

## BACHELOR OF ARCHITECTURE

Thomas Earl Brand.....	Portsmouth
<i>Thesis: A Court House for a Small County</i>	
George Henry Gillespie.....	Dayton
<i>Thesis: A Suburban Church</i>	
Russell Skipton.....	Rushville, Ind.
<i>Thesis: An Interurban Terminal in a Large City</i>	
(Three candidates)	

## BACHELOR OF ARCHITECTURAL ENGINEERING

Carl Eugene Barnett.....	Columbus
<i>Thesis: Industrial Housing</i>	
Paul Ellsworth Crider.....	Lima
<i>Thesis: A Design of a Residence for the President of Ohio State University</i>	



- \*John David East ..... Newark  
 Naval Reserve Ensigns School, Marine P. O., Detroit, Michigan  
*Thesis Waived*
- \*Myron L. Harrison ..... Columbus  
 308th Engineers, Co. D., Camp Sherman, Ohio  
*Thesis Waived*
- Byron Hempstead Mills ..... Columbus  
*Thesis: A Country Residence*
- Charles Walter Scheuneman ..... Upper Sandusky  
*Thesis: A Railroad Station*
- Howard Malsbary Templin ..... Blanchester  
*Thesis: A Court House for a Small County*
- \*Daniel Wilson Weiny ..... Columbus  
 Quartermaster's Department, Washington, D. C.  
*Thesis Waived*  
 (Eight candidates)

## BACHELOR OF CERAMIC ENGINEERING

- Raymond Barker Gilmore ..... Columbus  
*Thesis: The Influence of the Amount of Chamotte, Using Calcined Bauxite and Alundum, upon the Heat Conductivity of Refractories*
- \*Elmo Henry Lintz ..... Kenton  
 34th Recruit Squadron, Aviation Camp, Waco, Texas,  
*Thesis waived*
- Russell Nevin Long ..... Newark  
*Thesis: The Effect of the Size of Grain of Flint Fire Clay and Silica Sand as Chamotte on the Conductivity of Heat in Refractories*
- Lester Micheal Merritt ..... Columbus  
*Thesis: The Influence of Composition upon the Heat Conductivity of Diatomaceous Earth-Sawdust-Shale Mixtures*
- Murray Ransford Scott ..... Columbus  
*Thesis: The Influence of Flint Fire Clay upon the Physical Properties of Glass Refractories*
- William Henry Husband Stephens ..... Brampton, Canada  
*Thesis: The Effect of Cao as a Flux upon the Physical Properties of a Porcelain*
- Edward Doty Vance ..... Springfield  
*Thesis: An Investigation of Slip Clay Bonds for Abrasives*  
 (Seven candidates)

## BACHELOR OF CHEMICAL ENGINEERING

- Frederick Thomas Andrews ..... Newark  
*Thesis: The Absorptive Power of Charcoal*
- Thomas Alvin Boyd ..... Carrollton  
*Thesis: Paint Investigation*
- Calvin Adam Buehler ..... Stone Creek  
*Thesis: The Recovery of Glycerine*
- \*Leonard Thomas Capell ..... Columbus  
 Camp American University, Washington, D. C.  
*Thesis: Chemical Engineering Studies*

\*With the Colors.

- Robert Anderson Fisher... Steubenville  
*Thesis: A Study of the Jewell Electrolytic Cell*
- Aubrey Emerson Hess... Columbus  
*Thesis: Sodium Alum Solution as a Liquid for Handling Hydrogen Selenide*
- Paul McHehan Horton... Jackson  
*Thesis: Preparation of Acetic Anhydride*
- Goland Hiatt Hufford... Fremont  
*Thesis: Sulphonation Test on Coal Tar Oil*
- Edwin Wade Mann... Woodsfield  
*Thesis: A Study of Black Asphalt Japans*
- H. Alton Mitchell... Columbus  
*Thesis: The Refining of Salt from Calcium, Magnesium, Barium and Sulphate*
- John Mouk Ort... Osborn  
*Thesis: Recovery of Oxides of Nitrogen*
- \*Samuel Lantz Shenefield... Shauck  
 Chemical Service Section, N. A., Washington, D. C.  
*Thesis: Determination of Sulphur Dioxide*
- Williard Franklin Tressel... Canal Dover  
*Thesis: The Determination of Nitrates in the Presence of Nitrates*
- Louis Jacob Trostel... Anderson, Ind.  
*Thesis: Preparation of Acetic Acid*  
 (Fourteen candidates)

## BACHELOR OF CIVIL ENGINEERING

- \*William Wayne Anderson... Medina  
 4th Officers' Training Camp, Camp Custer, Battle Creek, Michigan  
*Joint Thesis: Design of a Reinforced Concrete Arch Bridge over Wolf Creek, at Broadway, Dayton, Ohio*
- John Wesley Bulger... Canton  
*Thesis: Equalization of Special Assesments*
- Paul H. Elleman... Ludlow Falls  
*Joint Thesis: Experimental Determination of the Reaction of a Reinforced Concrete Skew Arch*
- \*John Flotron Hale... Dayton  
 Co. 3 E., Reserve Officers' Training Camp, Camp Lee, Virginia  
*Joint Thesis: Design of a Reinforced Concrete Arch Bridge over Wolf Creek, at Broadway, Dayton, Ohio*
- Waldo Hartline... Strasburg  
*Joint Thesis: Experimental Determination of the Reaction of a Reinforced Concrete Skew Arch*
- Leroy Luther Luke... Canton  
*Joint Thesis: Design for Reinforced Concrete Viaduct on Fourth Street N. W., Canton, Ohio*
- William Kent McIlyar... Marietta  
*Joint Thesis: Design of a Reinforced Concrete Athletic Stadium*
- \*Lawrence Ley Markel... Columbus  
 Co. F., First Replacement Regiment, Washington Barracks, D. C.  
*Thesis: An Investigation of the Value of Blast Furnace Slag as an Aggregate for Concrete*

\*With the Colors



- George Thomas Newman ..... New Lexington  
*Joint Thesis: Design for a Bridge over Olentangy River for the Ohio State University*
- \*Donald Colwell Norris ..... Columbus  
 1st Battery, Field Artillery, Officers' Training Camp, Camp Custer, Michigan  
*Joint Thesis: Design of a Reinforced Concrete Athletic Stadium*
- James Charles Ryan ..... Ravenna  
*Joint Thesis: Design for Reinforced Concrete Viaduct on Fourth Street N. W., Canton, Ohio*
- Aaron Jacob Sackson, B.A. .... Columbus  
*Thesis: Design of a Bridge over Olentangy River for the Ohio State University*
- \*Harry Lobsinger Sauer ..... Plymouth  
 Fort Benjamin Harrison, Indianapolis, Indiana  
*Joint Thesis: An Investigation of the Value of Blast Furnace Slag as an Aggregate for Concrete*
- Edwin John Weigand ..... Dayton  
*Thesis: A Study of the Effect of Concentrated Loads on Reinforced Concrete Floors*  
 (Fourteen candidates)

## BACHELOR OF ELECTRICAL ENGINEERING

- Elmer Clyde Covert ..... Londonville
- Arthur Peter Grassler ..... Cleveland
- Edward Stanley Gunn ..... Springfield
- Elmer Leroy Hall ..... Barnesville
- Claud Burton Hersh ..... Grand Rapids
- Johnston Hixon Hunt ..... Somerset
- Theodore Donahue Robb ..... Lima
- William Sandoz ..... Toledo
- Max Emmet Shanck ..... Columbus
- Basil Kissell Smith ..... Columbus
- Joint Thesis: A Study of Walnut Station Power Plant*
- Jesse William Wildermuth ..... Pleasantville
- \*Carl Edward Winegartner ..... Bucyrus  
 Co. C. B., Reserve Officers' Training Camp, Camp Lee, Virginia  
*Joint Thesis: A Study of Walnut Station Power Plant*  
 (Twelve candidates)

## BACHELOR OF MECHANICAL ENGINEERING

- \*Glenn Allen Barber ..... Kent  
 Post Hospital, Fort Meyer, Virginia  
*Thesis waived*
- Dwight Cherrington Batterson ..... Columbus  
*Joint Thesis: Tests of a De Laval Turbo-Centrifugal Boiler Feed-Pump*
- Paul Bucher ..... East Liverpool  
*Joint Thesis: Flow of Water Through a Diaphragm in a Pipe*
- Ray Lewis Clapper ..... Lewistown  
*Thesis: The Uniflow Engine*
- Wilford Paul Crise ..... Buckeye City  
*Joint Thesis: Tests on a Multiple-Bearing Testing Machine*

- \*John Earl Hunt..... West Liberty  
 Naval Reserve Corps  
*Joint Thesis: Tests of a De Laval Turbo-Centrifugal Boiler Feed-Pump*
- \*William Thomas Ladkin ..... St. Paris  
 Fort Benjamin Harrison, Indianapolis, Indiana  
*Joint Thesis: Tests of a Multiple-Bearing Testing Machine*
- \*James John La Salvia ..... Cleveland  
 275th Aero Squadron, Taliaferro Field No. 1 Fort Worth, Texas  
*Joint Thesis: Tests of Automatic Boiler Feed-Water Regulators*
- \*Clyde Littick Smith ..... Zanesville  
 3rd Reg., Steam Engineering School, Pelham Bay Park, New York City  
*Thesis waived*
- Flor Edwin Smyser..... Wooster  
*Joint Thesis: Flow of Water through a Diaphragm*  
 (Ten candidates)

## BACHELOR OF ENGINEERING IN MINING

- Edwin John Lintner..... Ironton  
*Thesis: An Investigation of the Heusler Alloys*
- \*Ernest Frederick Schaefer..... Akron  
 Army Inspector of Ordinance, American Car and Foundry Co., Detroit, Michigan  
*Thesis waived*
- Lester Frank Seigel..... Columbus  
*Thesis: Efficiency Tests of Mine Safety Lamps*  
 (Three candidates)

## BACHELOR OF ENGINEERING

- \*Howard Gray Courtney..... Columbus  
 Signal Corps, Aviation Section, Ohio State University School of Military Aeronautics
- \*Howard Frederick Yerges ..... Columbus  
 Reserve Officers' School, Naval Operating Base, Hampton Roads, Virginia  
 (Two candidates)

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

## As of the Class of 1917

## BACHELOR OF ARCHITECTURE

- Arthur Sherer Brewer ..... Magnolia  
 (One candidate)

## BACHELOR OF ELECTRICAL ENGINEERING

- Lenard Koh Leon, B. A. (Ohio University) ..... Singapore, Straits Settlements
- Hideo Yamada ..... Nagoya, Japan  
 (Two candidates)

## BACHELOR OF ENGINEERING

- Leopoldo Faustino..... Calamba, Philippine Islands  
 (One candidate)



## COLLEGE OF HOMOEOPATHIC MEDICINE

Dean: CLAUDE A. BURRETT

## DOCTOR OF MEDICINE

Waldo Zimmerly Baker .....	Youngstown
Earl Hayes Baxter, B. A. ....	Mt. Vernon
Morris Gans. ....	Columbus
George Finney Linn .....	Columbus
Joseph Francis Piotrowski .....	Erie, Pa.
George Arthur Poe .....	Cleveland
George Henry Quay, Jr. ....	East Cleveland
Morris Hamilton Reno. ....	Sharon, Pa.
Sanford E. Rosen .....	Cleveland
Harry Ingham Spear .....	Richfield
George Washington Stober .....	Lexington
Lee Browning Warren .....	Sharpsville, Pa.
William Henry Wolfram .....	Cincinnati

(Thirteen candidates)

## DEGREE CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the class of 1917

## DOCTOR OF MEDICINE

North Withers Shetter .....	Lakewood
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(One candidate)

## COLLEGE OF LAW

Dean: JOHN JAY ADAMS

## JURIS DOCTOR

Frank Marcus Cobourn, B. A. (Mt. Union College) .....	Salem
Francis Marion Marriott, B. S. (Ohio Wesleyan University) .....	Delaware

(Two candidates)

## BACHELOR OF LAWS

*Richard Ernest Boesel .....	New Bremen
4th Officers' Training Camp, Camp Custer, Battle Creek, Mich.	
Leland Stanford Bricker .....	Mt. Vernon
Floyd Stanley Crooks, Ph. B. (Ohio University) .....	Columbus
Stanley Denlinger, A. B. (Wittenberg College) .....	Enon
*Barton Griffith, Jr., B. A. ....	Columbus
4th Officers' Training Camp, Camp Custer, Battle Creek, Mich.	
Herman Benjamin Harris .....	Coshocton
Walter Lester Krohngold .....	Cleveland
*Charles Don McVay, A. B. (Ohio University) .....	Athens
Frederic Joseph Patz .....	Crete, Neb.
Walter Raleigh Smith, B. A. ....	Columbus
*Howard Dunn Waters, B. A. ....	Georgetown

Co. K., 331 Inf. Sec. B. 32, Camp Sherman, Ohio

(Eleven candidates)

## DEGREE CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1917

## BACHELOR OF LAWS

Kenneth Drought Carter ..... Geneva  
(One candidate)

## COLLEGE OF MEDICINE

Acting Dean: FRANCIS L. LANDACRE

## DOCTOR OF MEDICINE

Ira Guy Allen ..... Bergholz  
John Clinton Bowman, B. Sc. in Pharm. .... Thornville  
Clifford Franklin Brunk, A. B. (Goshen College) ..... Elida  
Edward Moschi Feiman, D. D. S. (Western Reserve University) ..... Canton  
Arthur Frederick Hagedorn ..... Cleveland  
Donald Mcleod Harlor, B. A. .... Columbus  
Earl Huffer ..... Columbus  
Alfred Evan Jones ..... Columbus Grove  
Paul Clement Keller (As of the Class of 1917) ..... Newark  
Ray William Kissane ..... Mansfield  
Howard Smith McClure ..... Wooster  
Jesse Benton Martin ..... Cadiz  
George Jacob Mateja ..... Cleveland  
William Vergil Parent ..... Lima  
Donald Grant Ralston ..... McConnelsville  
George Emmet Shields ..... Columbus  
William Marshall Skipp ..... Youngstown  
William Philip Smith, D. O. (American School of Osteopathy) .... New Philadelphia  
George Forney Swan ..... Birds Run  
Walter Scott Taylor ..... Utica  
Allen Aldean Tombaugh ..... Williamstown  
Carol Castor Webb ..... Albany  
(Twenty-two candidates)

## DEGREE CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1917

## DOCTOR OF MEDICINE

Alfred Heacock Whittaker ..... Huntington  
(One-candidate)

## COLLEGE OF PHARMACY

Acting Dean: CLAIR ALBERT DYE

## BACHELOR OF SCIENCE IN PHARMACY

\*Paul Haney Groff ..... Columbus  
Chemist, Edgewood Arsenal, Baltimore, Md.  
*Thesis: The Physical Constants of the Official Oils*  
Charles Edward Pake, Cert. in Pharm. .... Mineral City  
*Thesis: A Collective Index of Volatile Oils*

\*With the Colors



William Marvin Rees, Jr.....	Columbus
<i>Thesis: A Study of Fixed Oils and Fats in Mixtures</i>	
John Yarnell, Jr.....	Somerset
<i>Thesis: A Bibliography of the Official Alkaloids and their Salts</i>	
(Four candidates)	

## DEGREE CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1917

## BACHELOR OF SCIENCE IN PHARMACY

*Harry Louis Cohan.....	Coshocton
Camp Lee, Virginia	
(One candidate)	

## COLLEGE OF VETERINARY MEDICINE

Acting Dean: OSCAR V. BRUMLEY

## DOCTOR OF VETERINARY MEDICINE

William Theodore Bollmeier .....	Columbus
Samuel Nathaniel Bruce.....	Georgetown, British Guiana
George Washington Lobach .....	Bethlehem, Pa.
Alfred Lowe Rubin.....	Murfreesboro, Tenn.
(Four candidates)	

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1918

## DOCTOR OF VETERINARY MEDICINE

Orris Irven Catlin.....	Barnesville, Minn
Raymond Elmer Lubbehusen.....	Litchville, N. D.
Harry Powell Roberts.....	Harvey, N. D.
Harry Stolpestad.....	Fosston, Minn.
(Four candidates)	

## PROFESSIONAL CERTIFICATES

## CERTIFICATE IN LAW

Morris Samuel Galvin.....	Cleveland
William Dillon Hood .....	Columbus
Dwight Howard.....	Columbus
*Charles Raymond Ross.....	Columbus
Co. G., 1st Replacement Troop, Washington, D. C.	
Marcus Atlanta Sullivan.....	St. Marys
(Five candidates)	

## CERTIFICATE OF PHARMACEUTICAL CHEMIST

G. Hayes Buchanan.....	Baltimore, Md.
Earl George Carpenter.....	Van Wert
Henry David Duckwald.....	Dayton
Ruskin Billings Lawyer.....	Cambridge
Paul Thomas McCreary.....	Wellsville
Frank Lee Pattison.....	Cincinnati
*Nelson Edward Wistner.....	Van Wert
(Seven candidates)	

\*With the Colors

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